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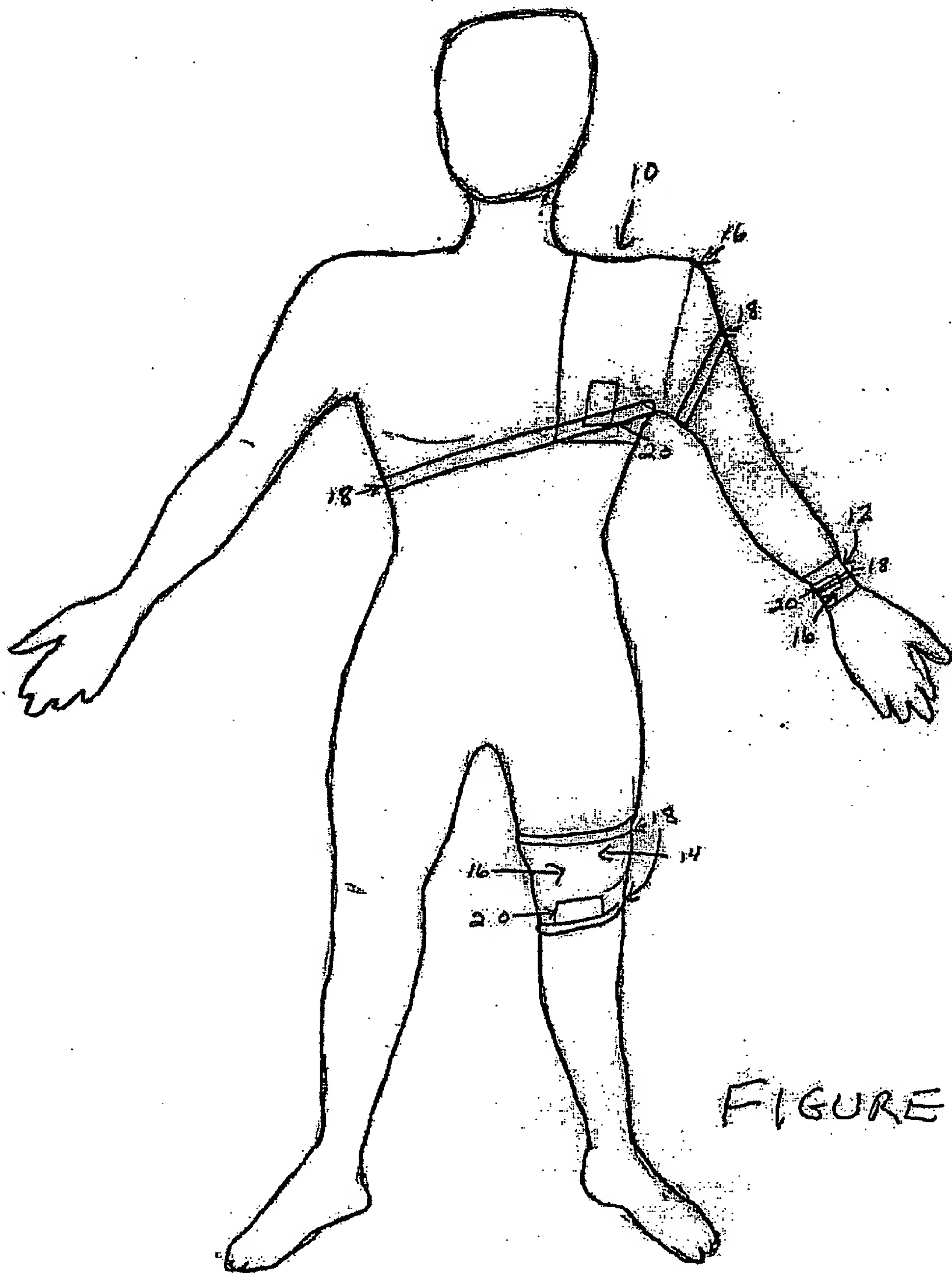


FIGURE 1

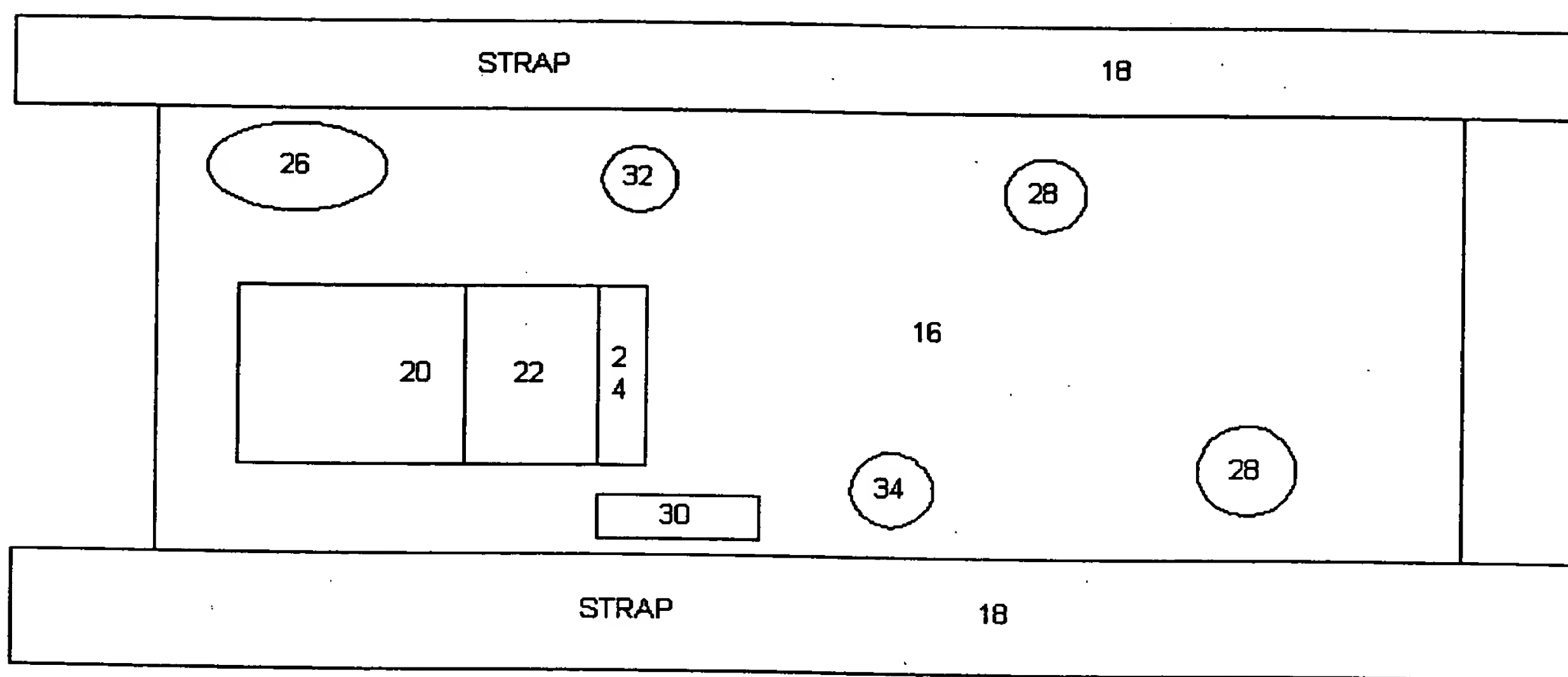


FIGURE 2

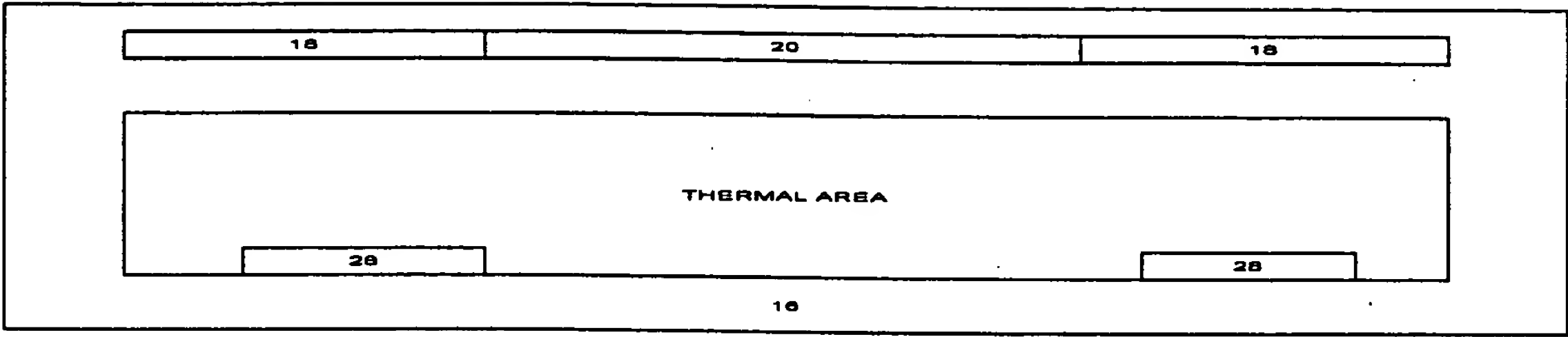


FIGURE 3

THERAPEUTIC APPARATUS

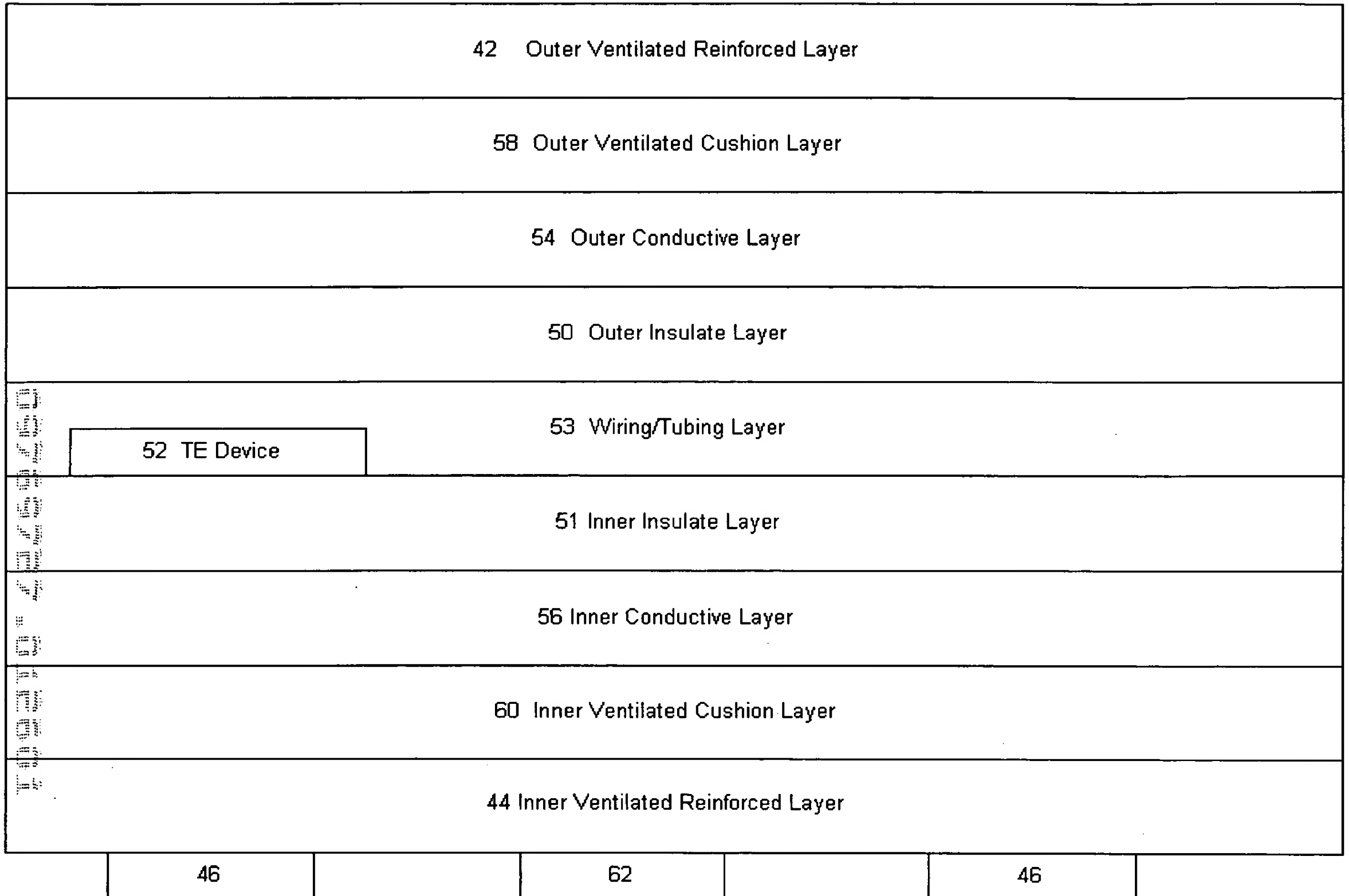


FIGURE 4A

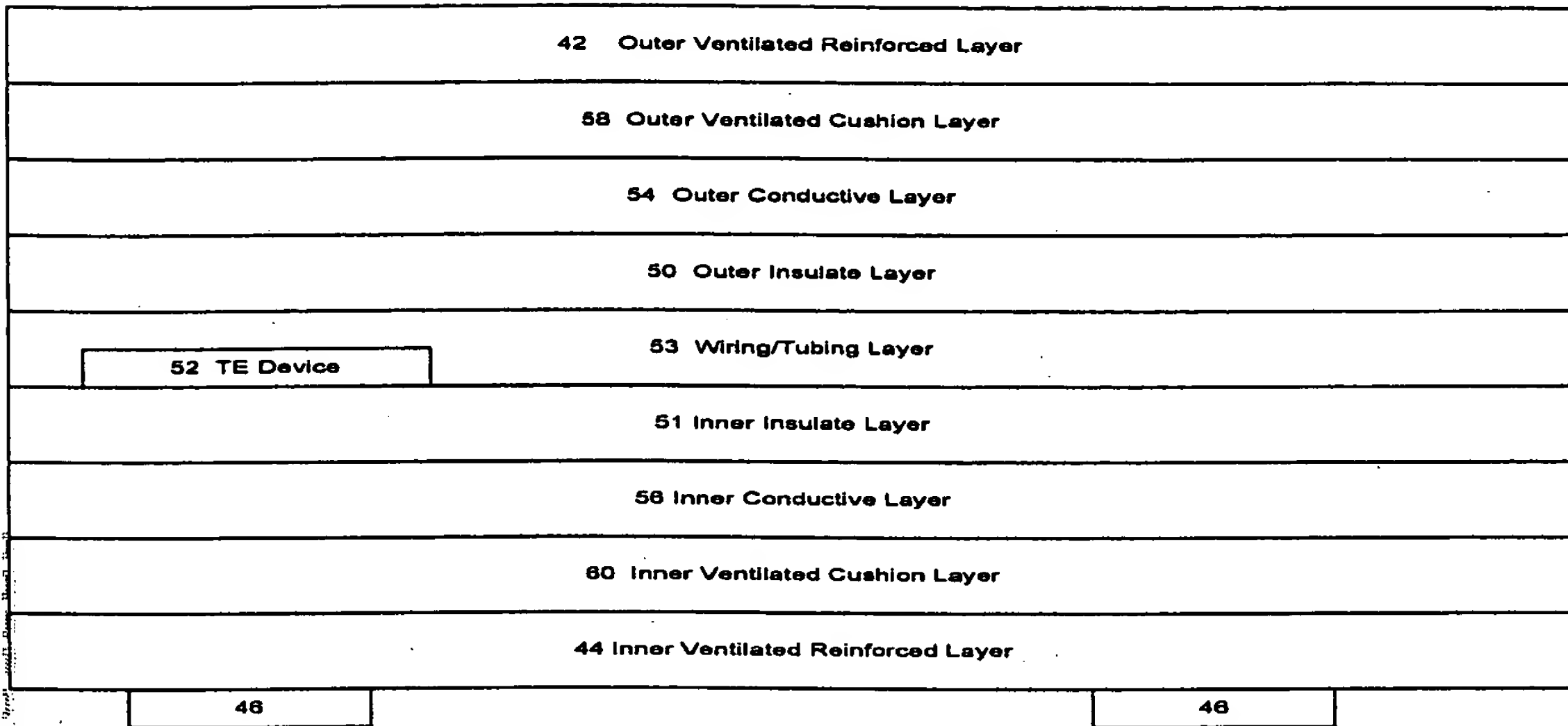


FIGURE 48

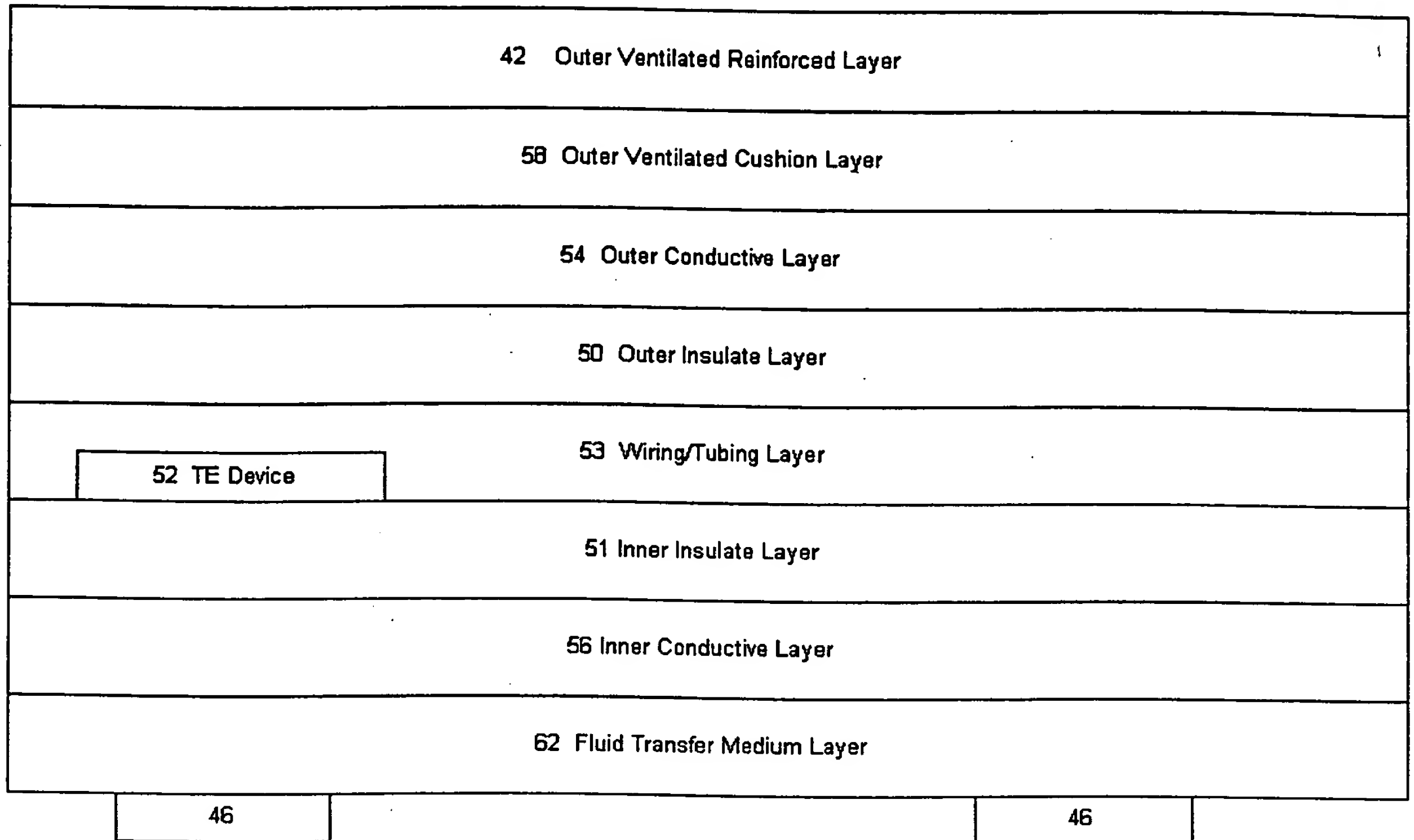


FIGURE 4C

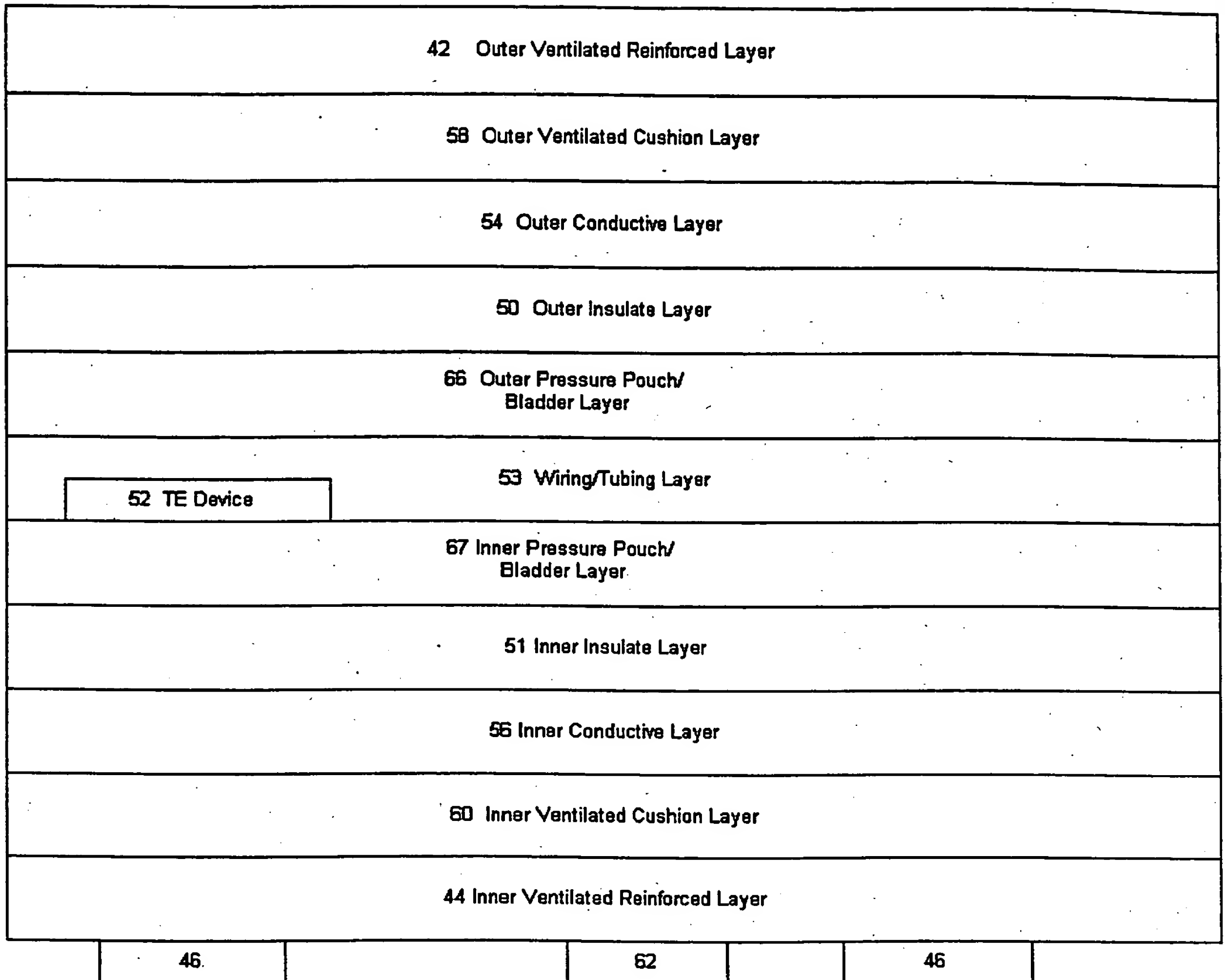


FIGURE 4D



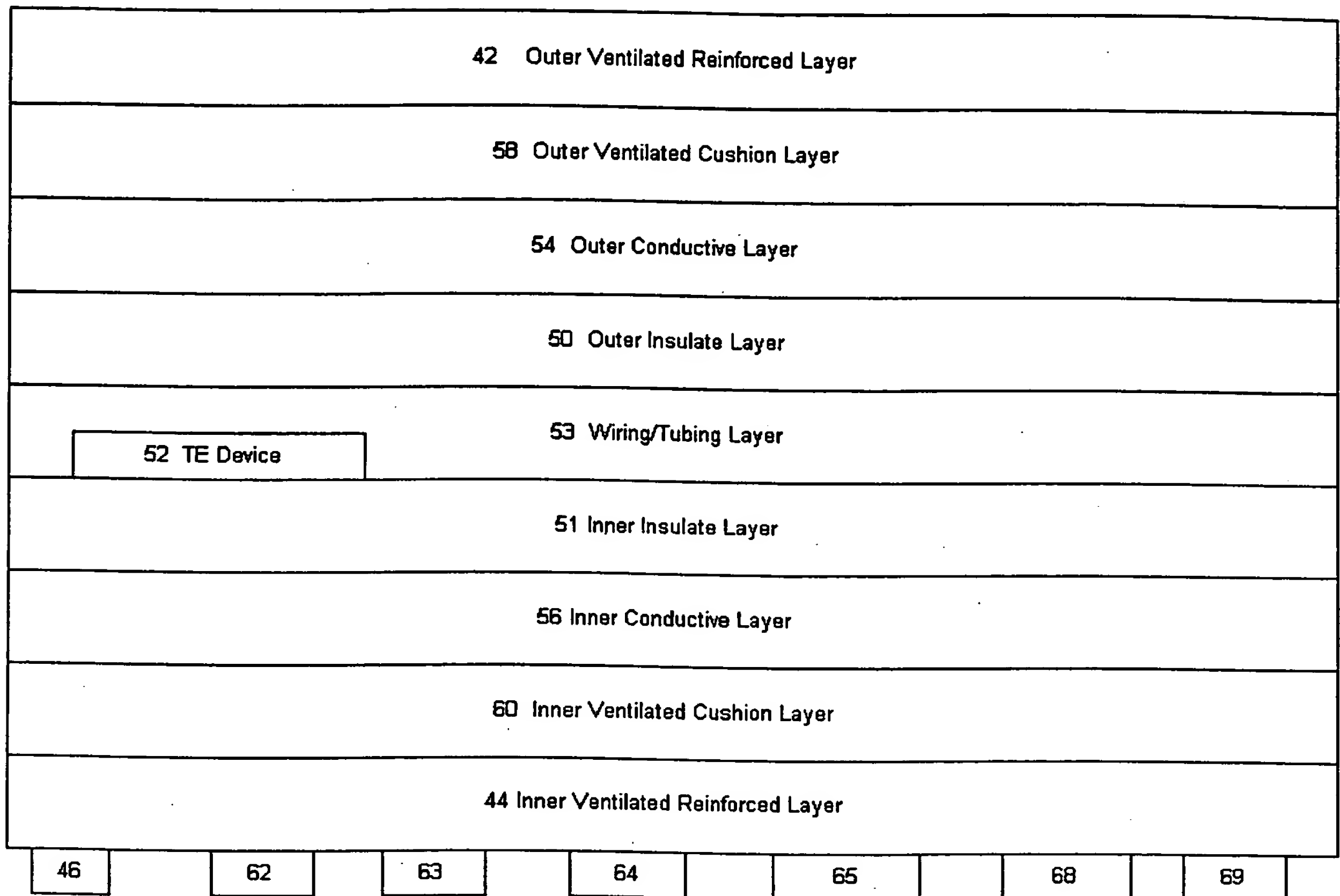


FIGURE 4E

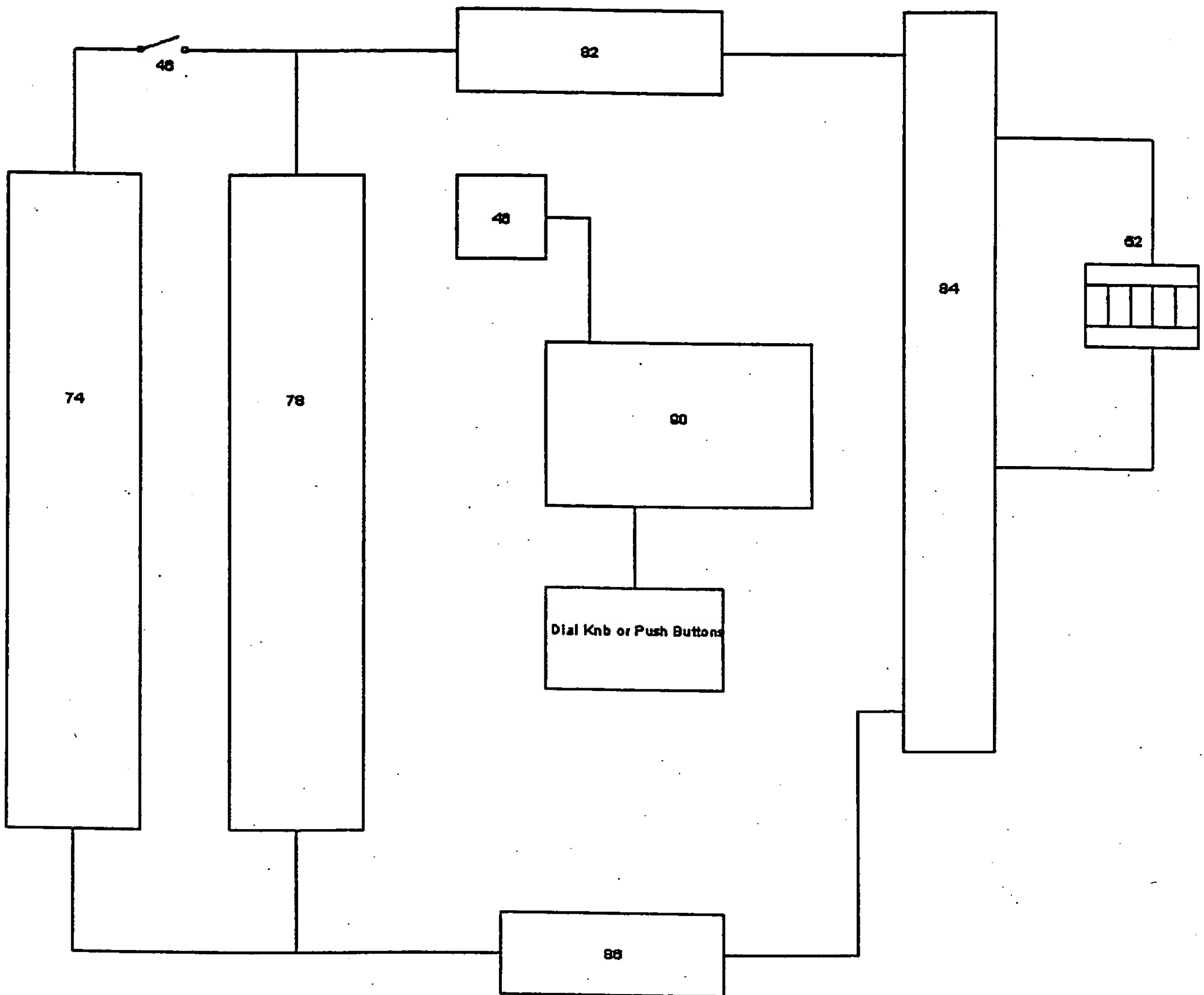


FIGURE 5

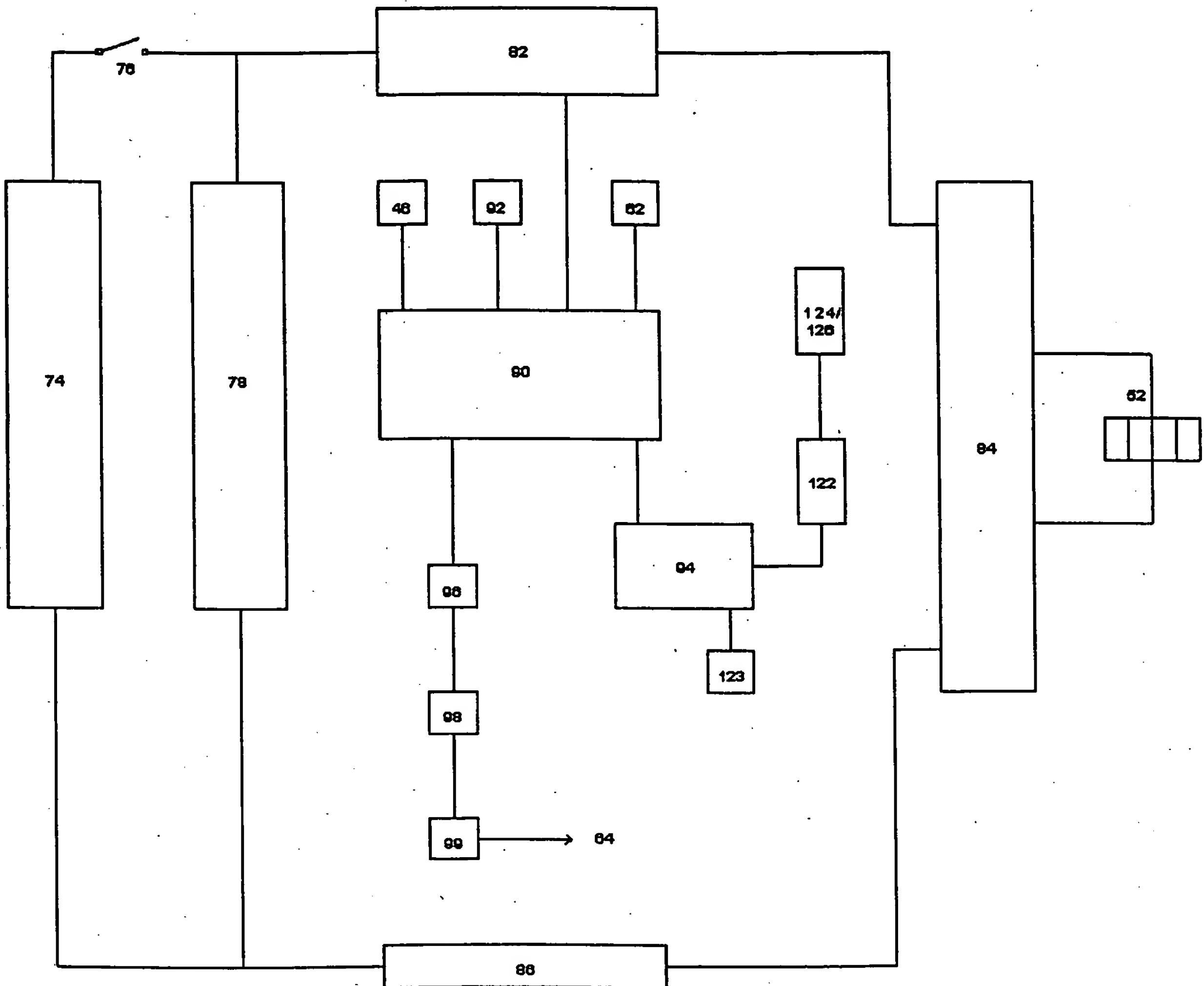


FIGURE 6

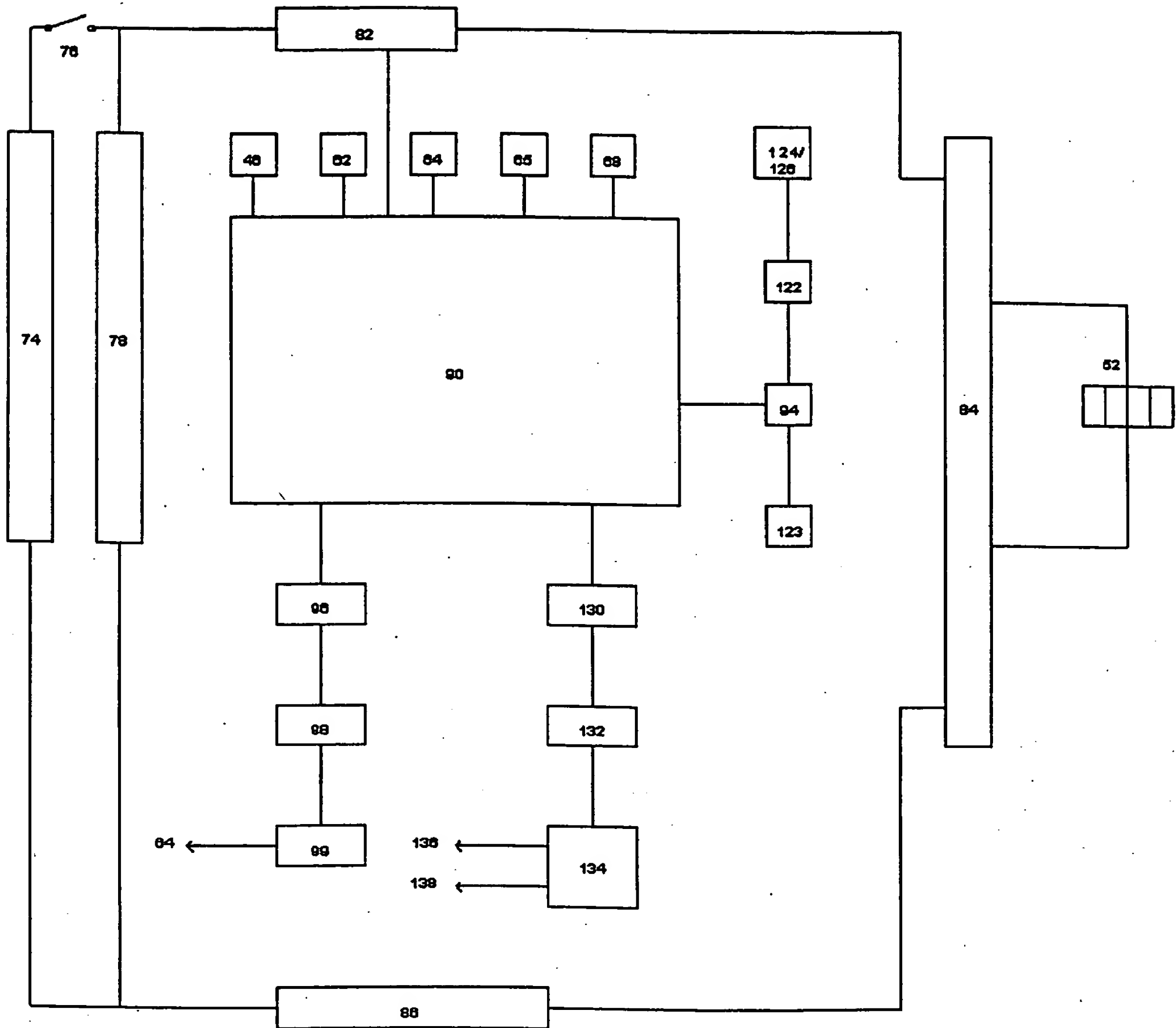


FIGURE 7

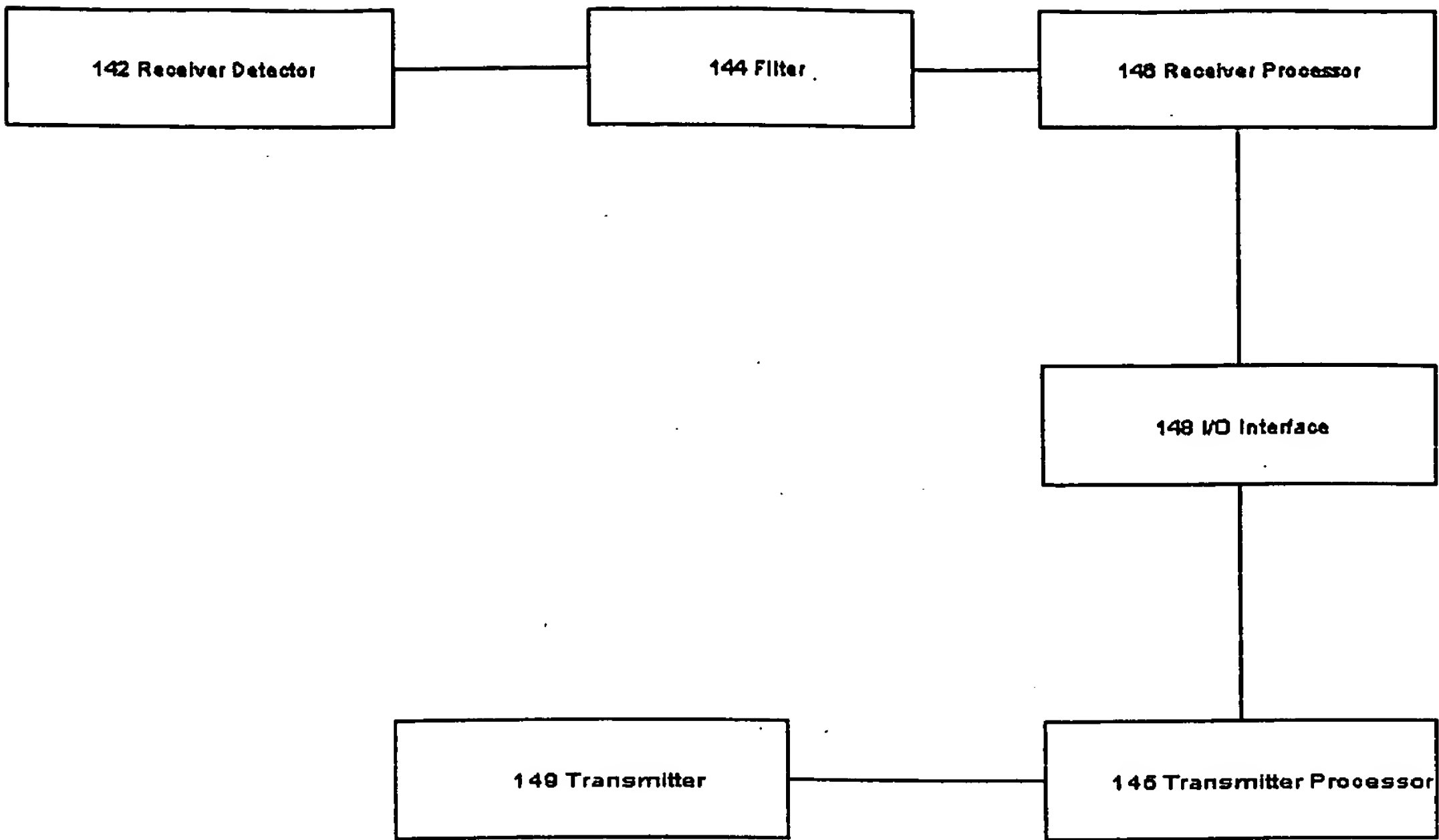


FIGURE 8

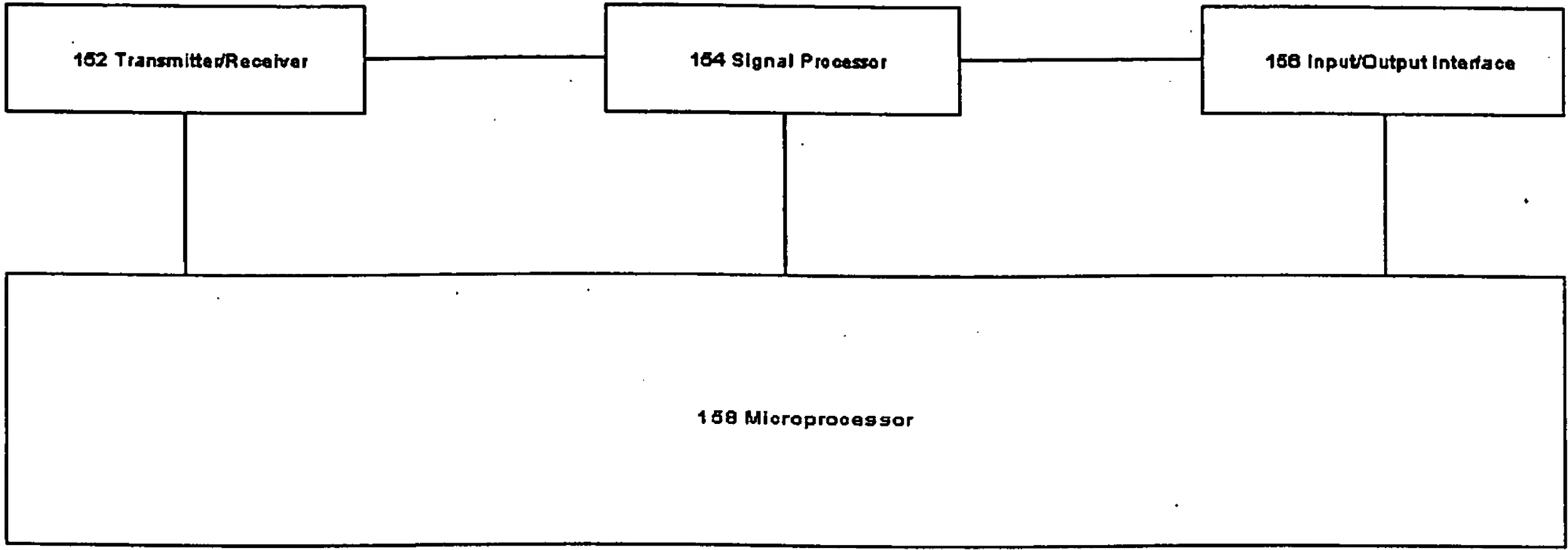


FIGURE 9

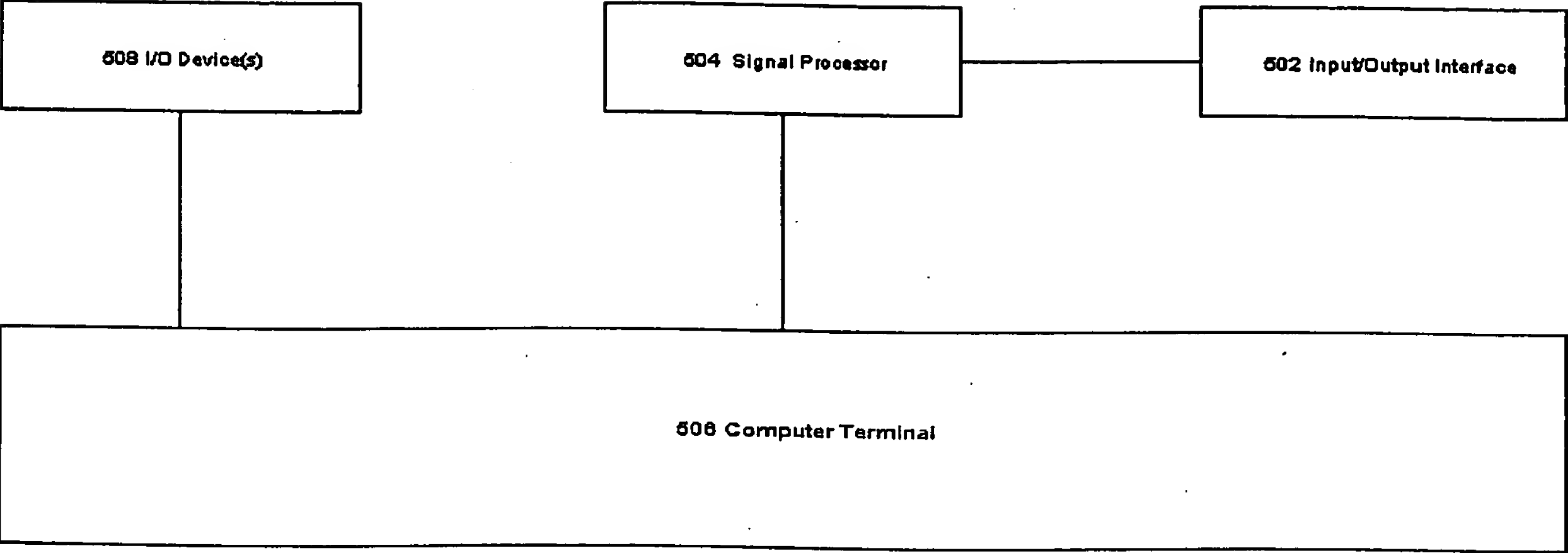


FIGURE 10

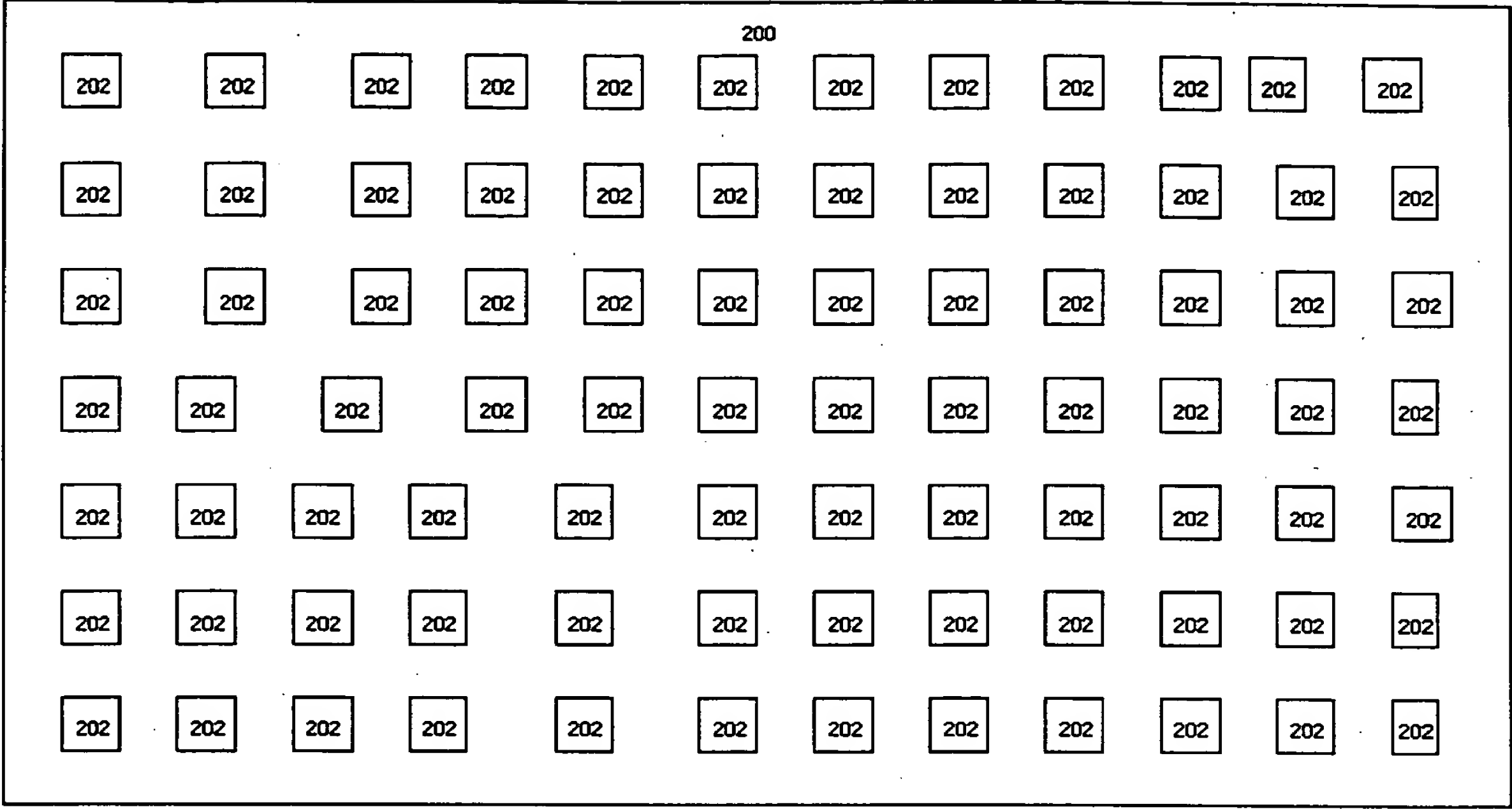
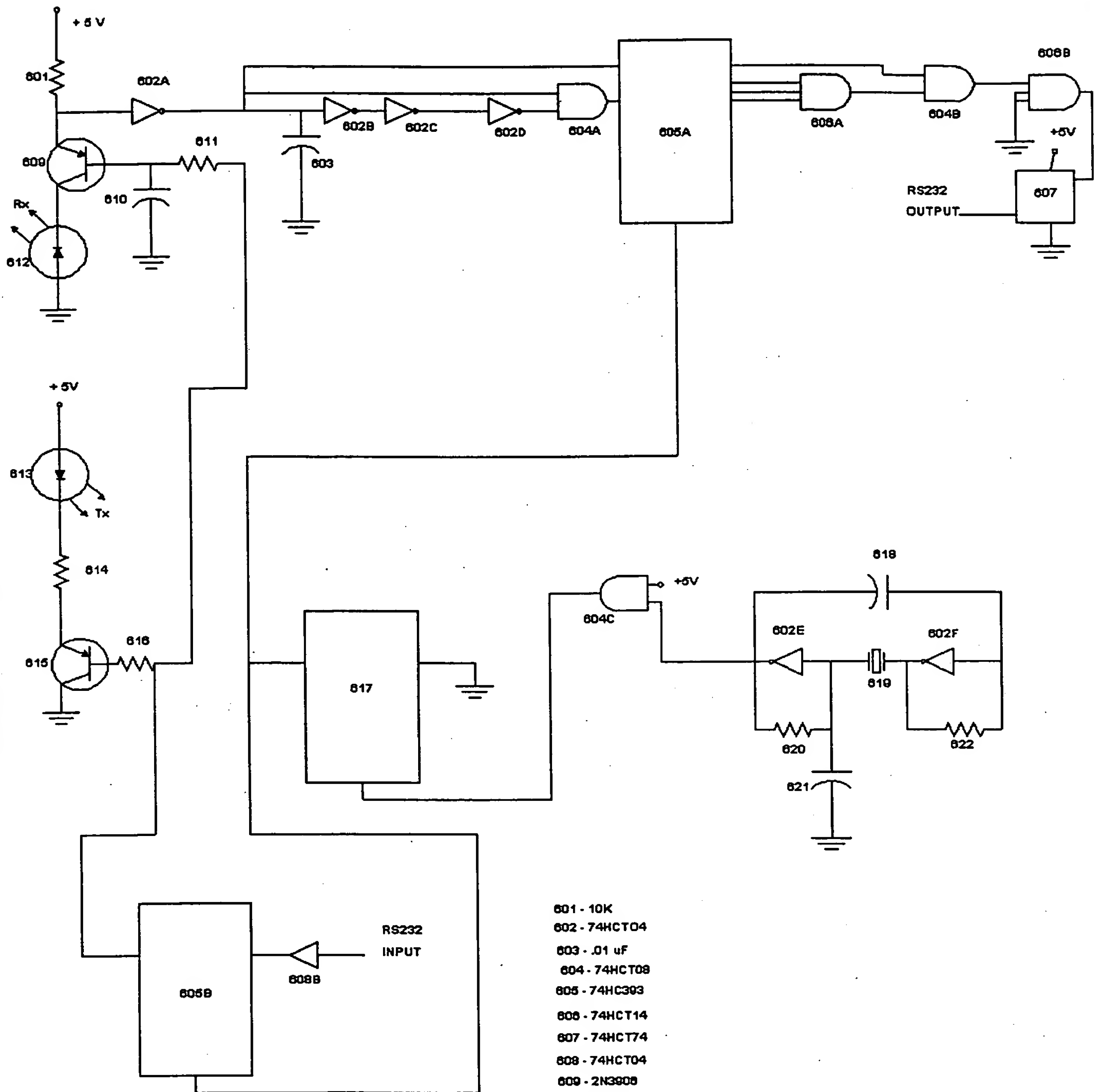


FIGURE 11





- 601 - 10K
- 602 - 74HCT04
- 603 - .01 uF
- 604 - 74HCT08
- 605 - 74HC393
- 606 - 74HCT14
- 607 - 74HCT74
- 608 - 74HCT04
- 609 - 2N3908
- 610 - .1 uF
- 611 - 1 K
- 612 - IRD300
- 613 - SLI-0308CP
- 614 - 47 K
- 615 - 2N3904
- 616 - 1 K
- 617 - 74HC393
- 618 - .0022 uF
- 619 - 2.457 MHz XTAL
- 620 - 1 K
- 621 - 220 pF
- 622 - 1 K

FIGURE 12

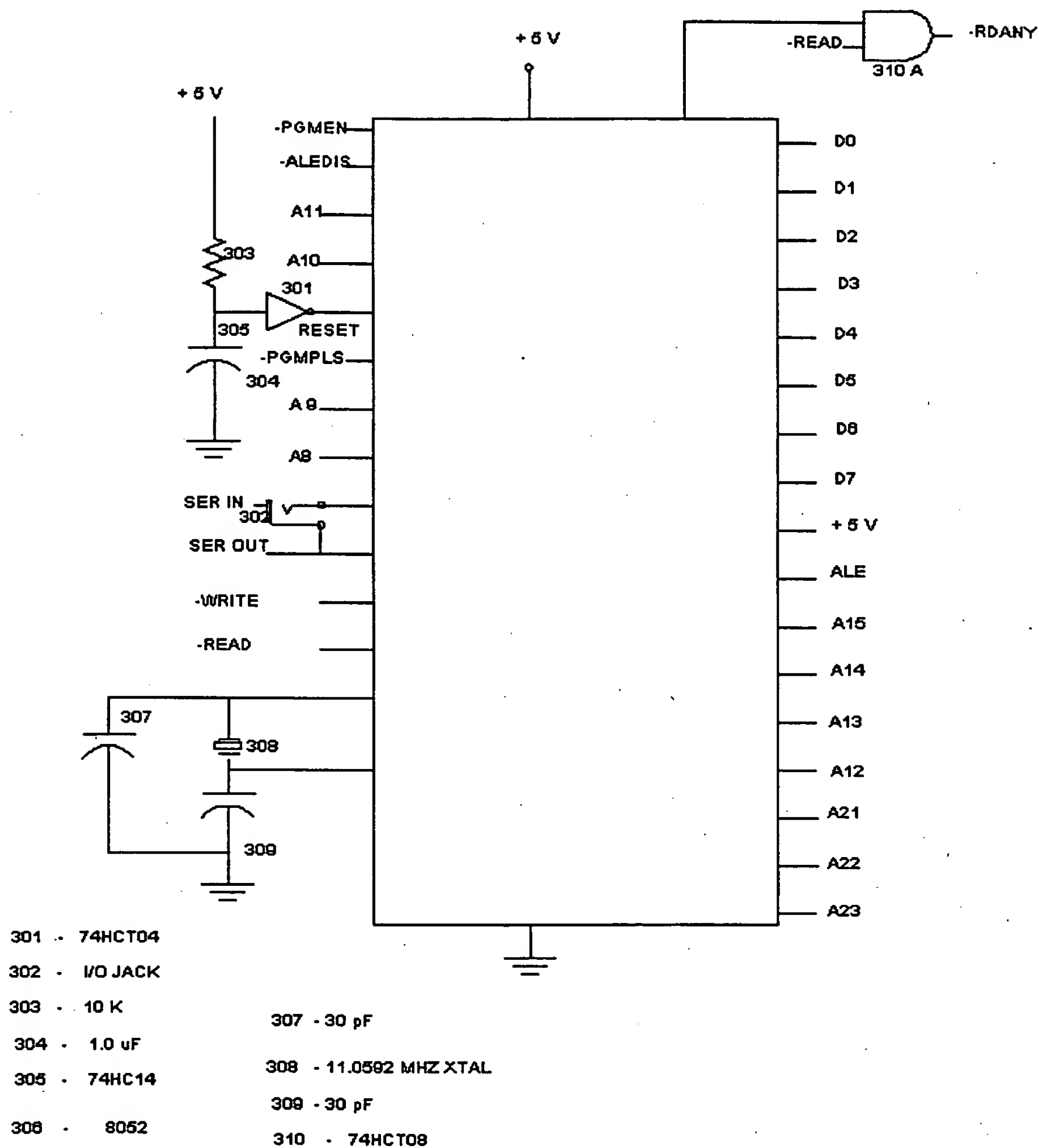
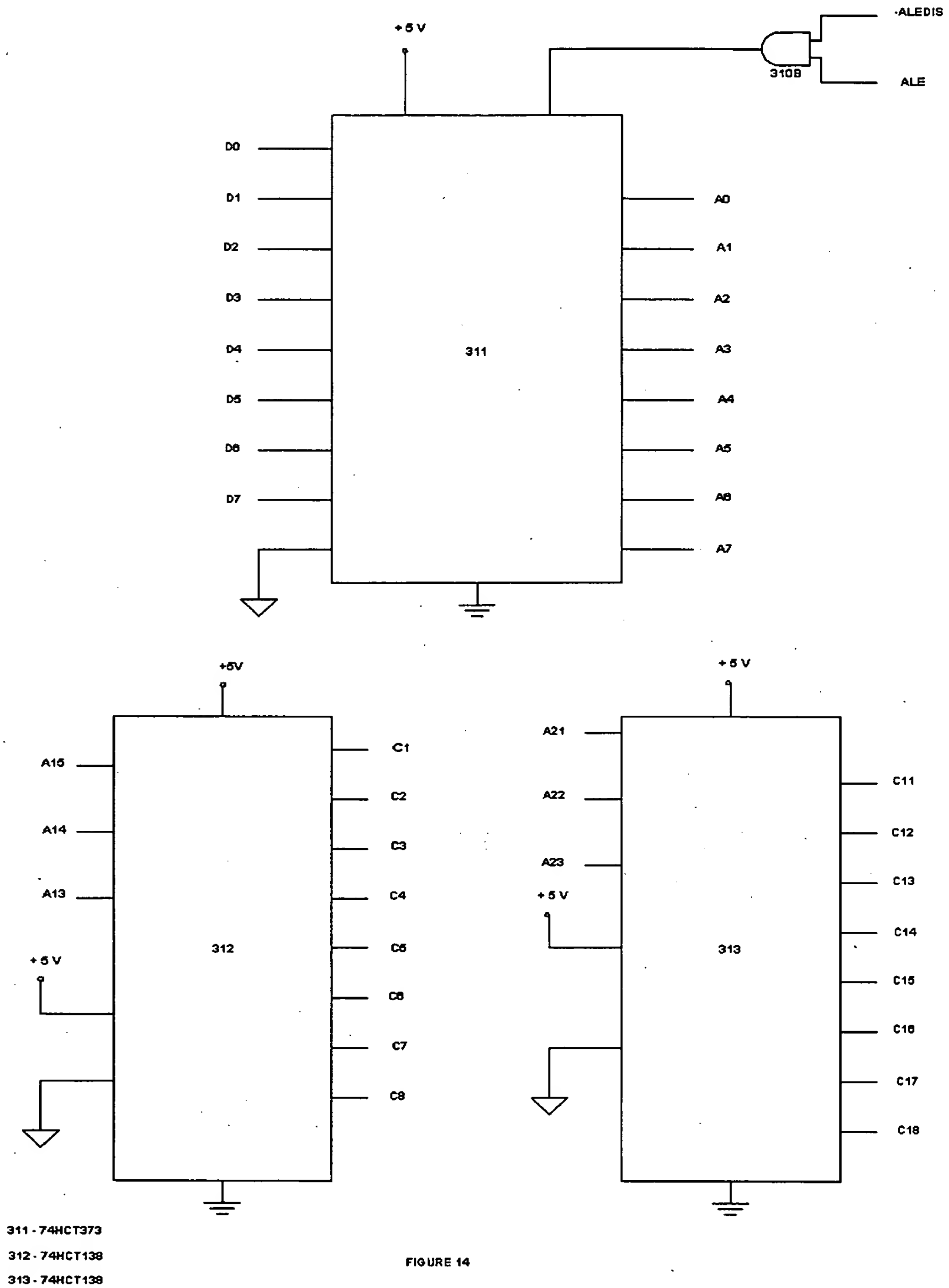


FIGURE 13



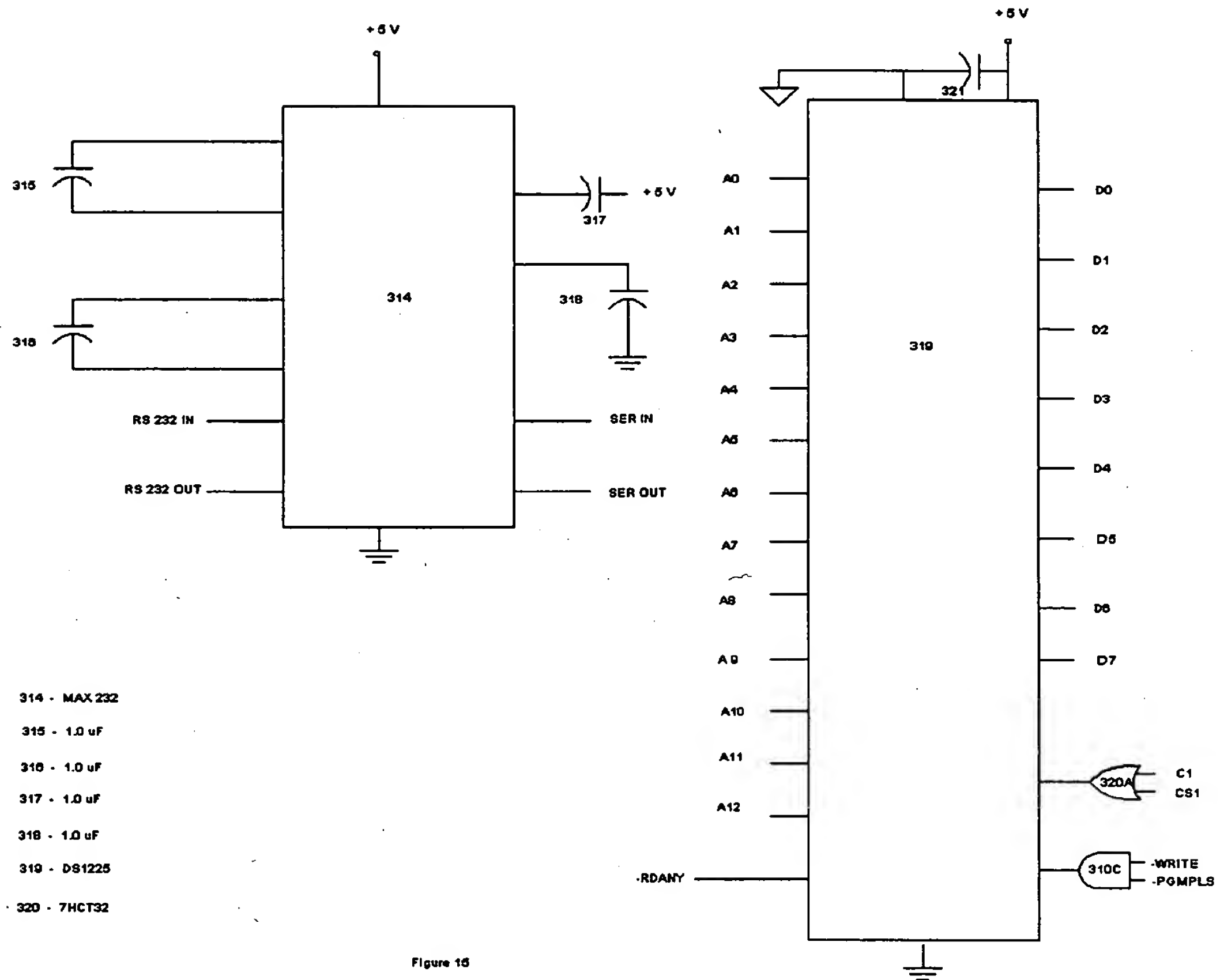


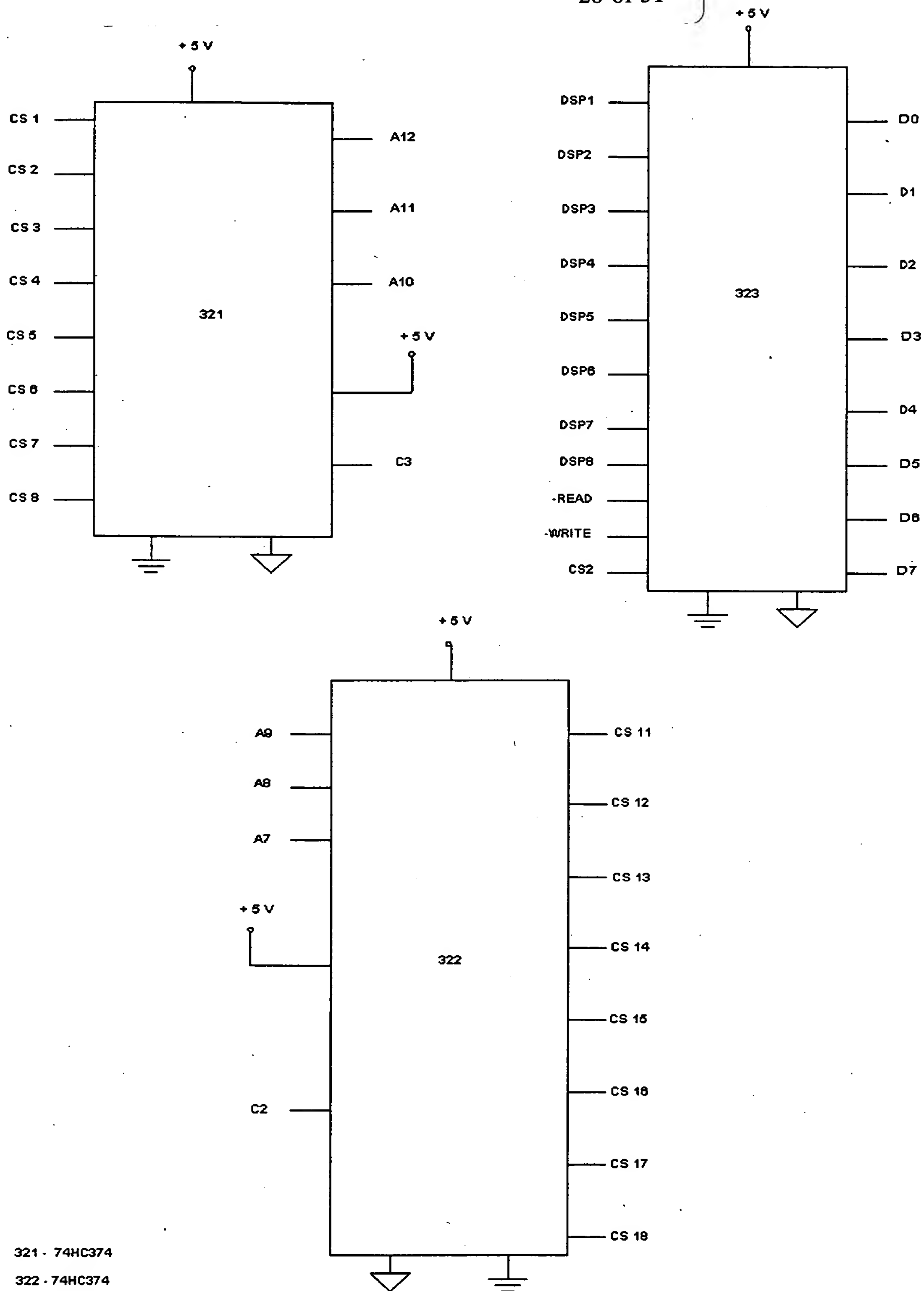
Figure 16

# THERAPEUTIC APPARATUS

Inventor(s): Robert J. EIN

DOCKET NO.: 035887/0106

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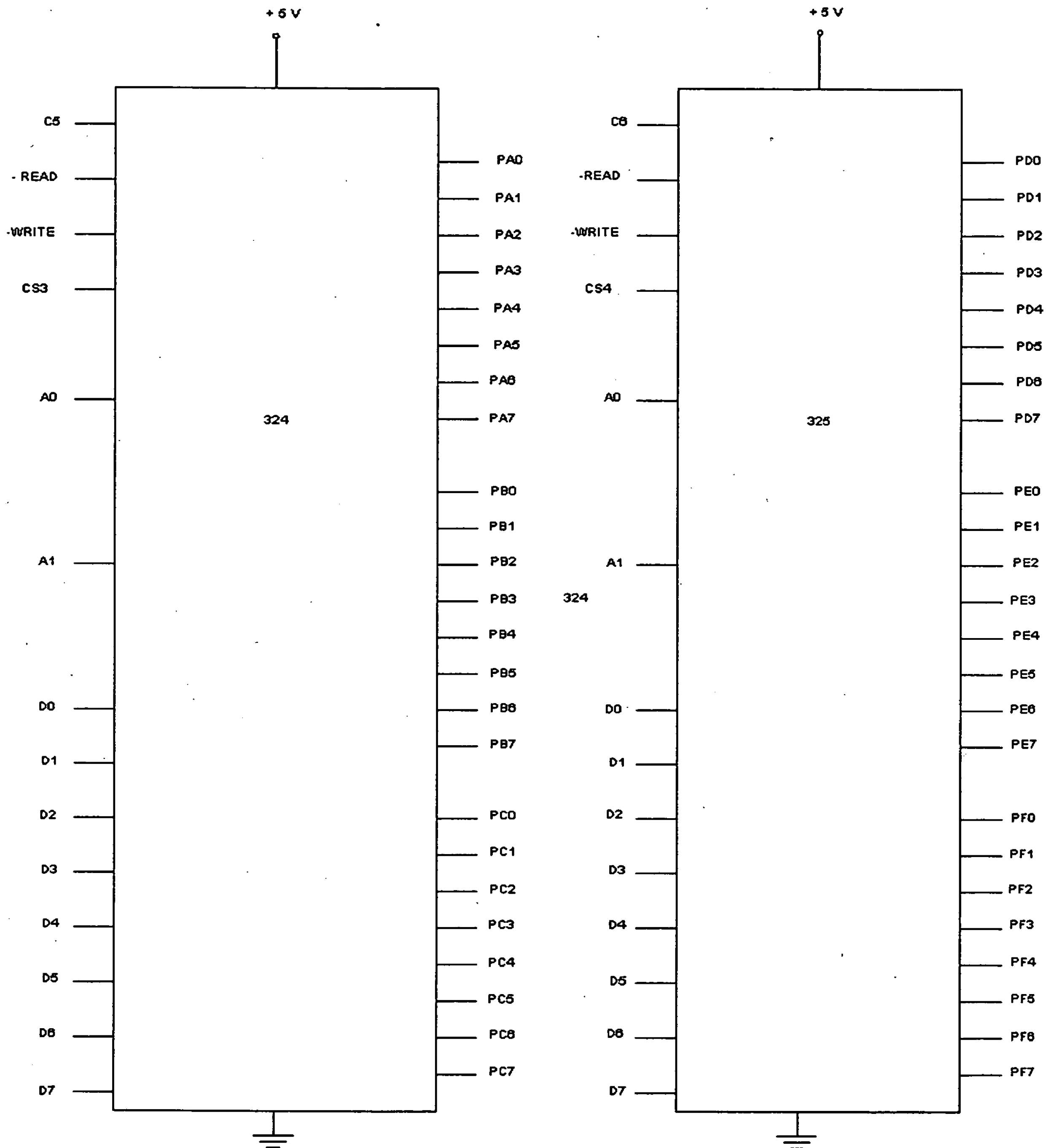


321 - 74HC374

322 - 74HC374

323 - ADC0848

FIGURE 18



324 - 82C55

325 - 82C55

Figure 17

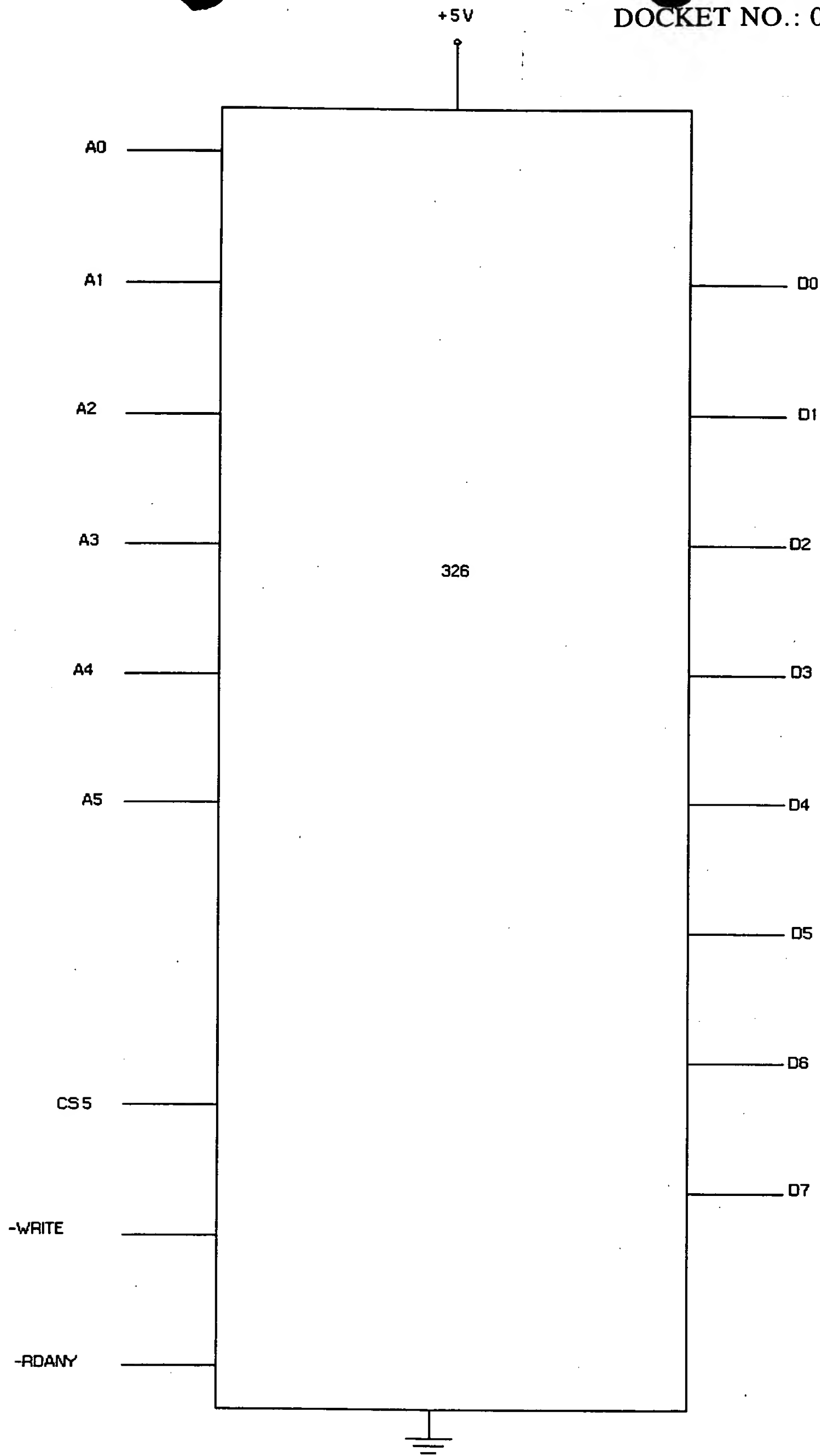


Figure 18

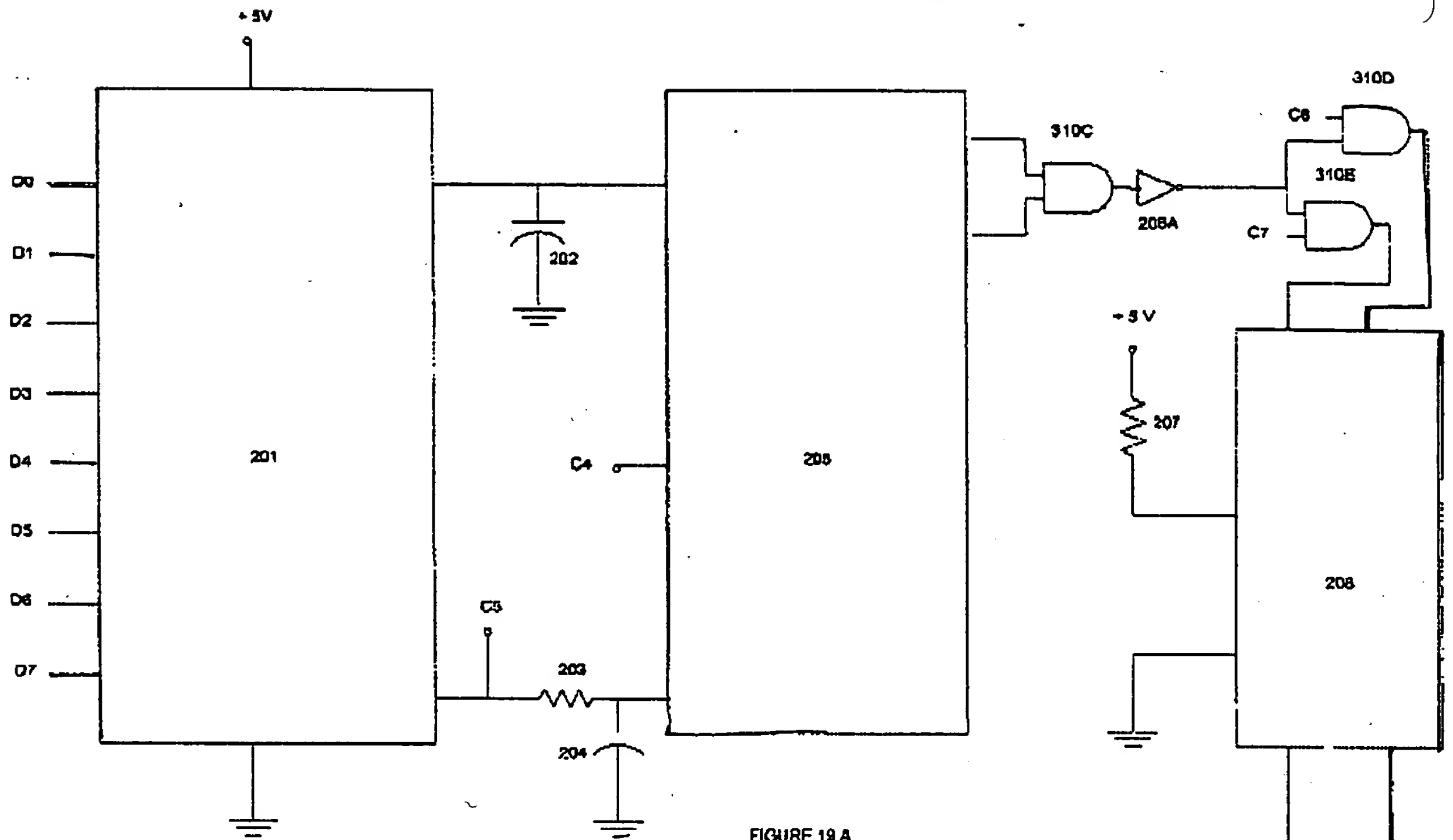


FIGURE 19 A

201 - 74HC156

202 - 390 uF

203 - 220

204 - 390 pF

205 - D31630

206 - 74HCT04

207 - 330

208 - L293D

209 - M1015T

210 - 6 V DC

211 - FUSE

212 - 2N2573

213 - 0.1 uF

214 - 10

215 - 220

216 - 1N5232

217 - 100uF

218 - 0.1 uF

219 - MAX735

220 - 100uH

221 - 1N5817

222 - 0.01 uF

223 - 0.01 uF

224 - 470 uF

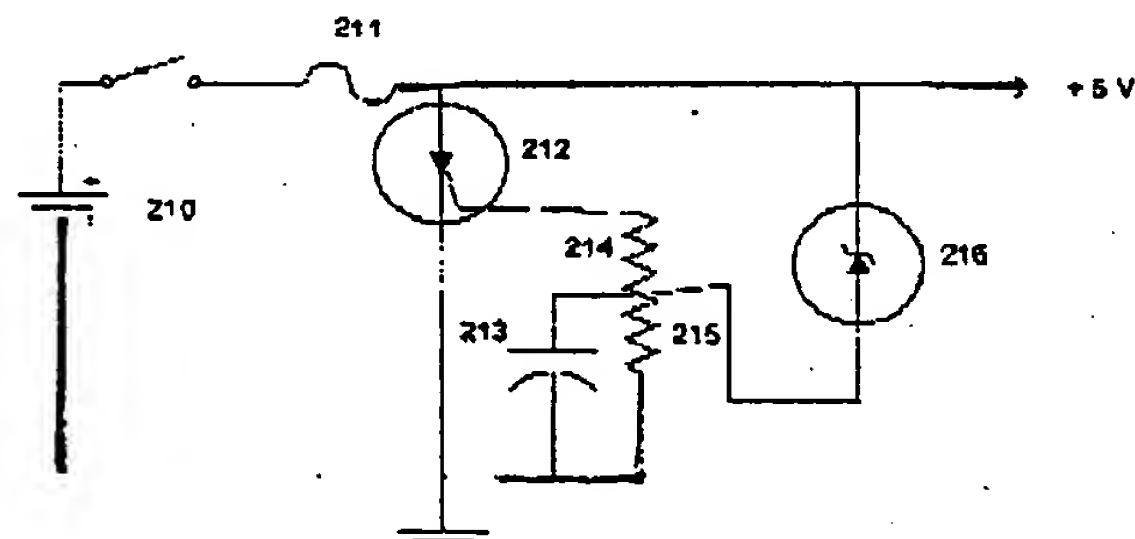


FIGURE 19 B

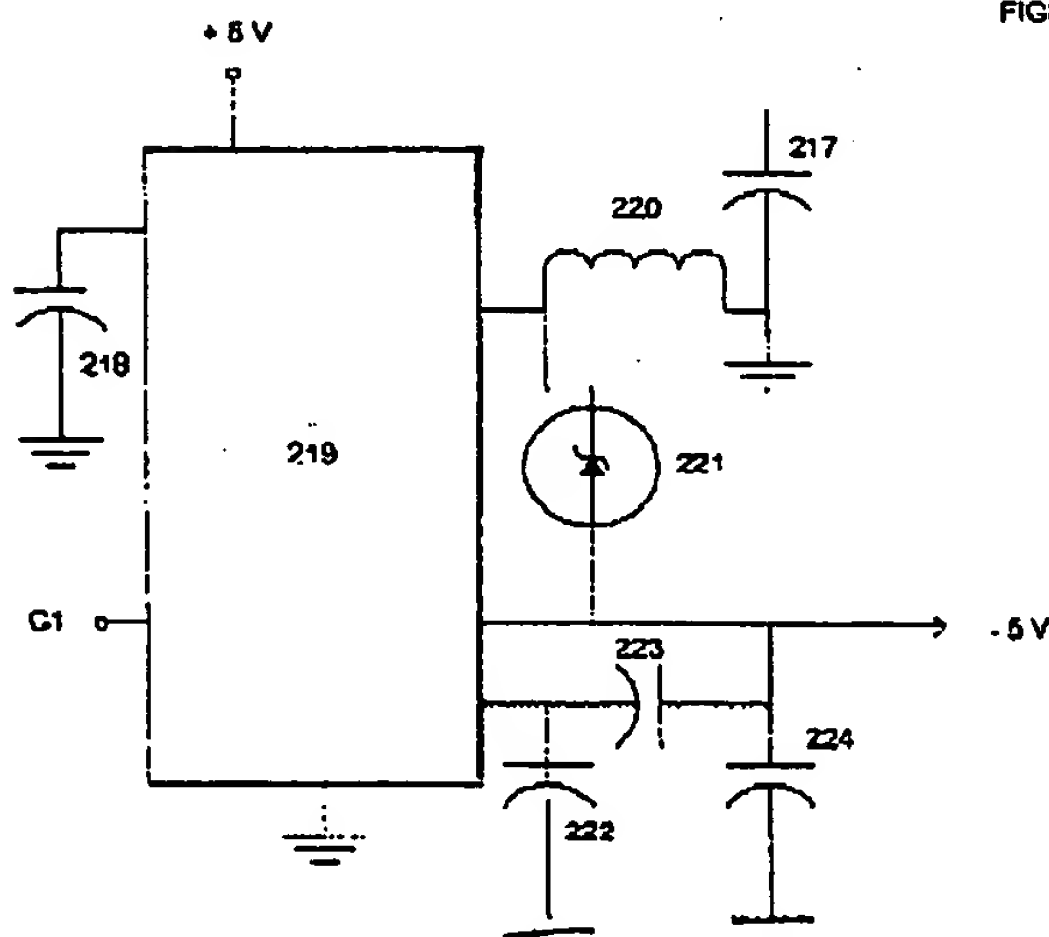
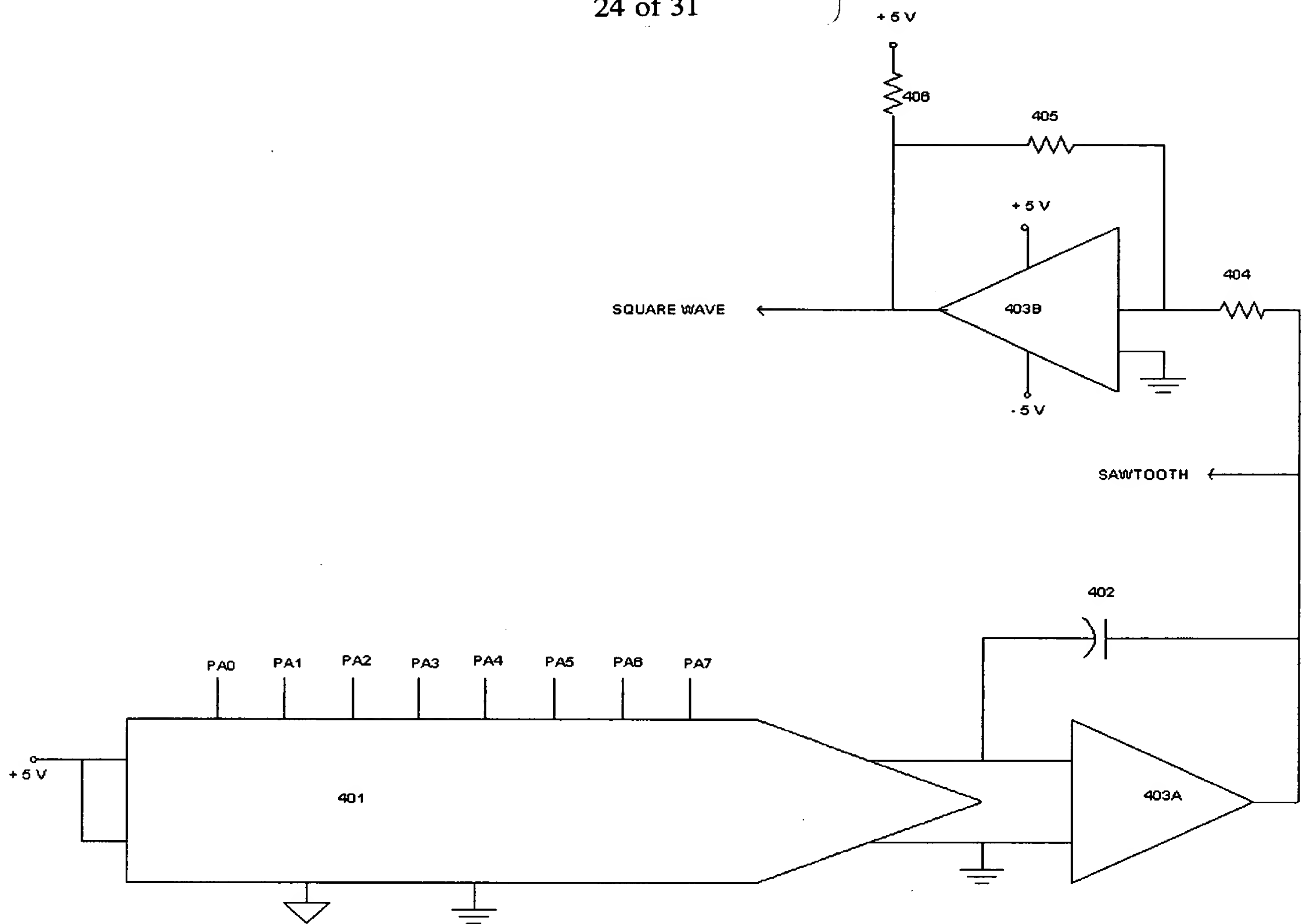


Figure 19 C





- 401 - DAC0832
- 402 - 1.0 uF
- 403 - LM392
- 404 - 100K
- 405 - 300K
- 408 - 2K

Figure 20

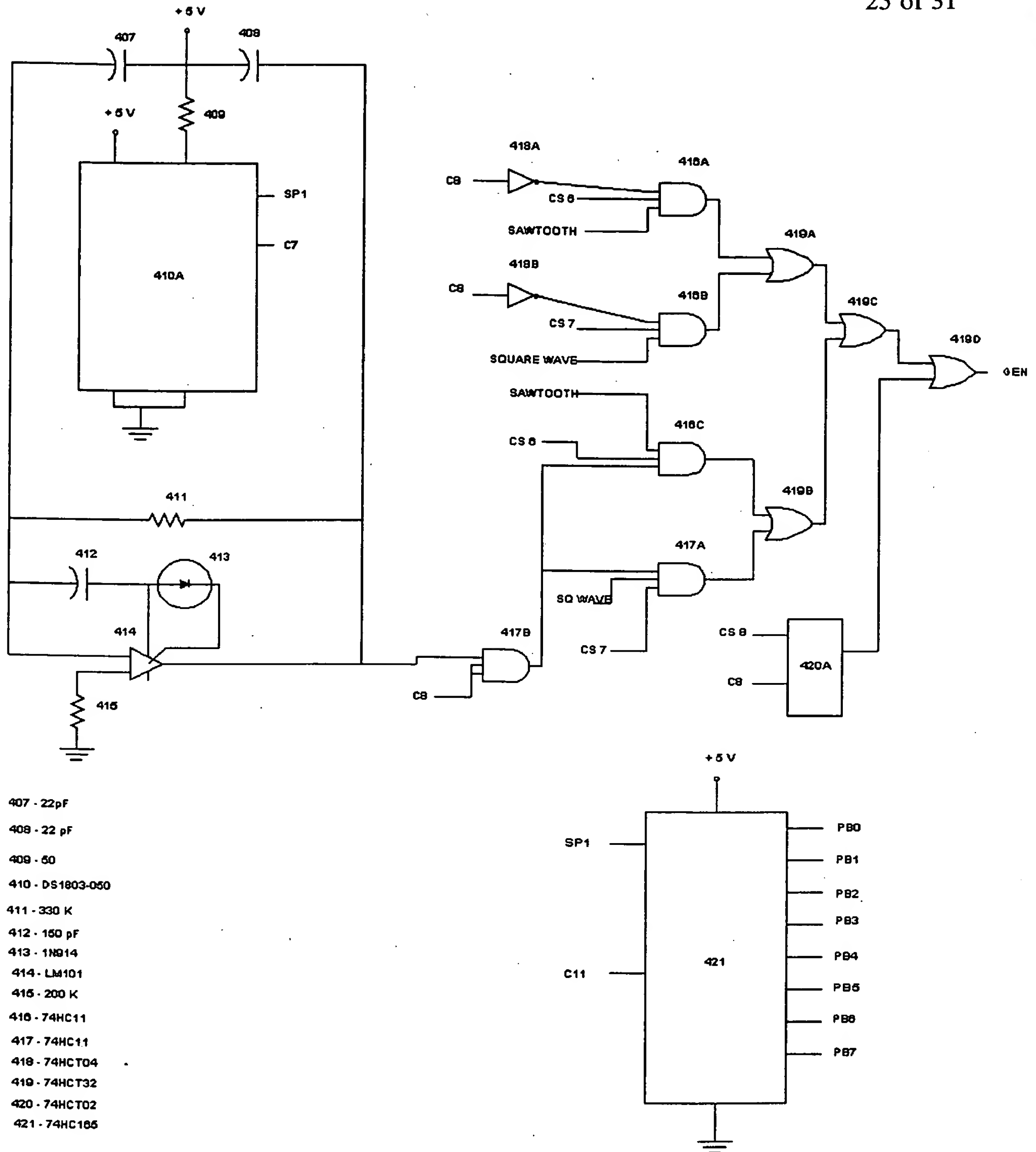


FIGURE 21

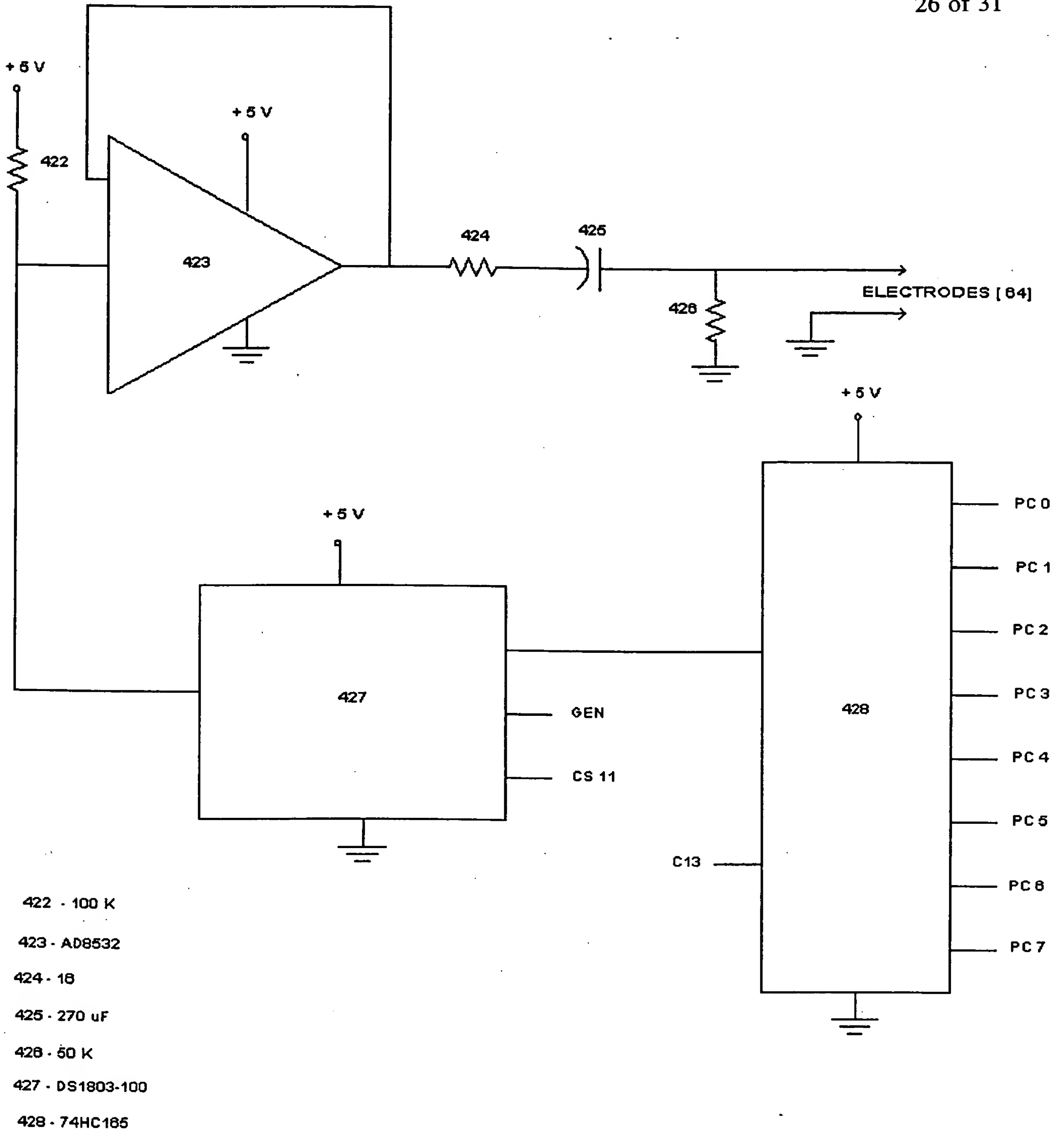


FIGURE 22

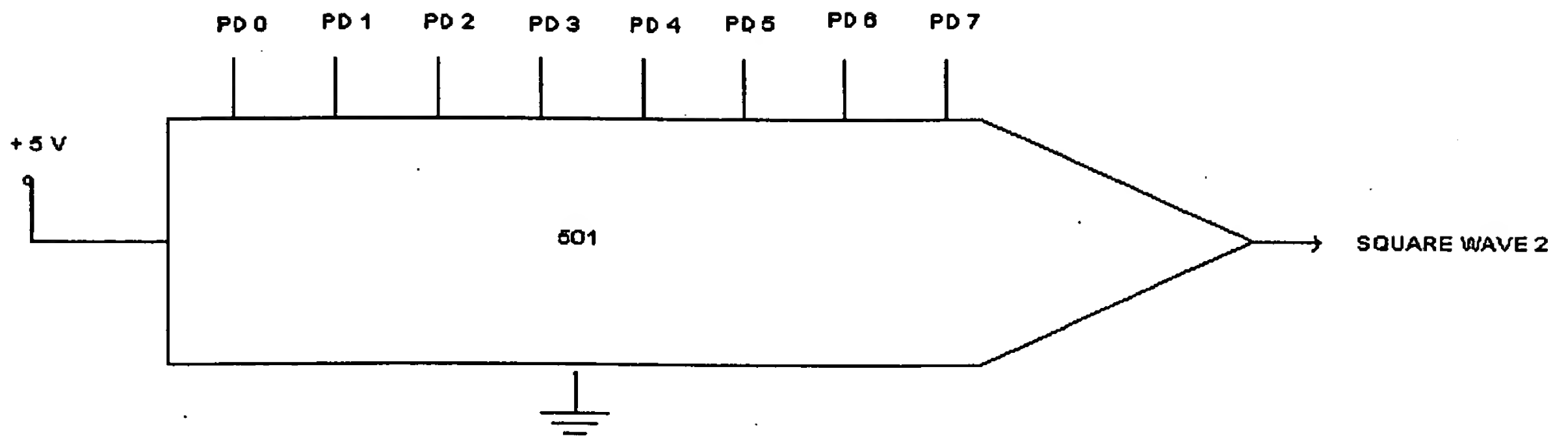


FIGURE 23

FIG. 24

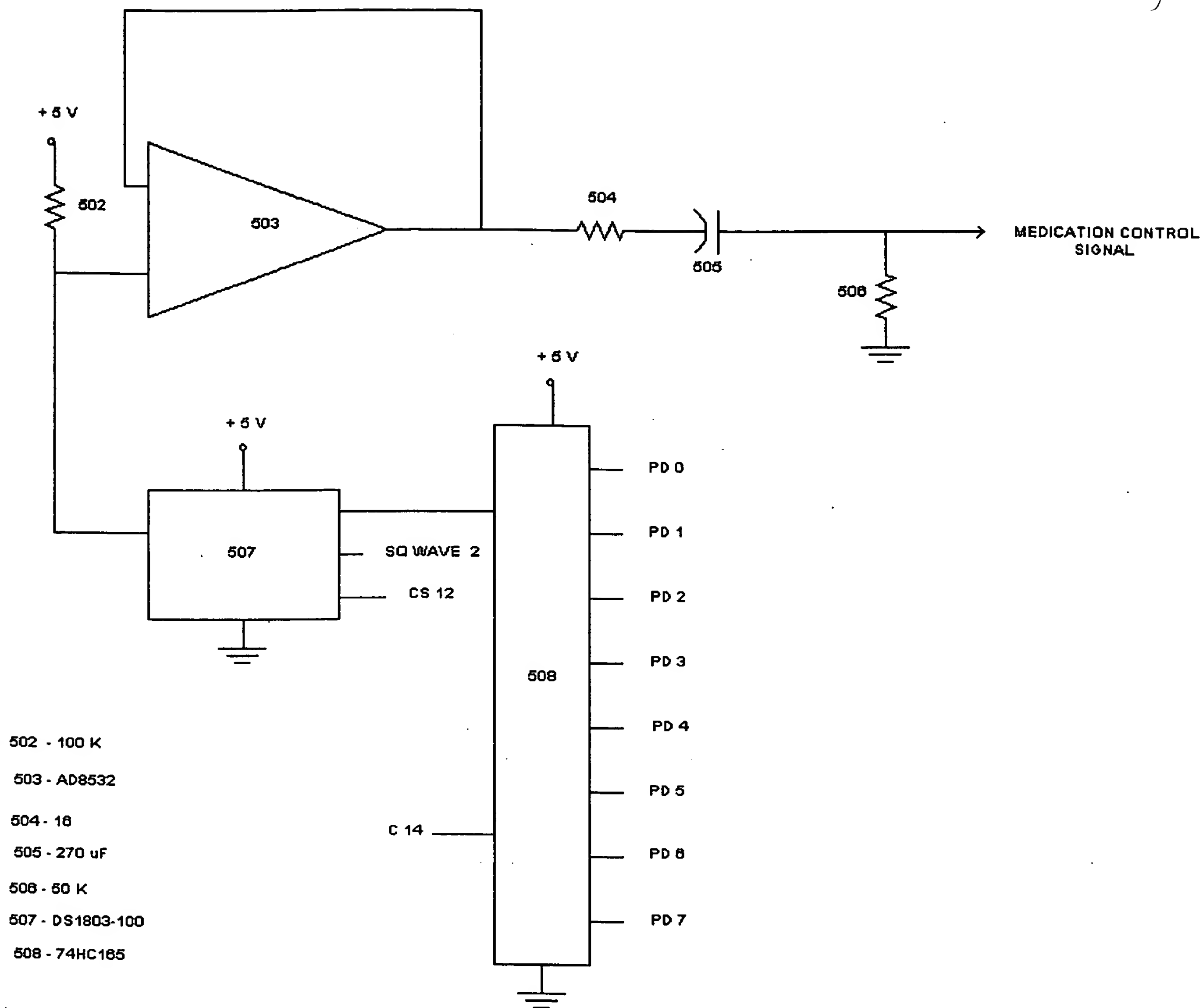
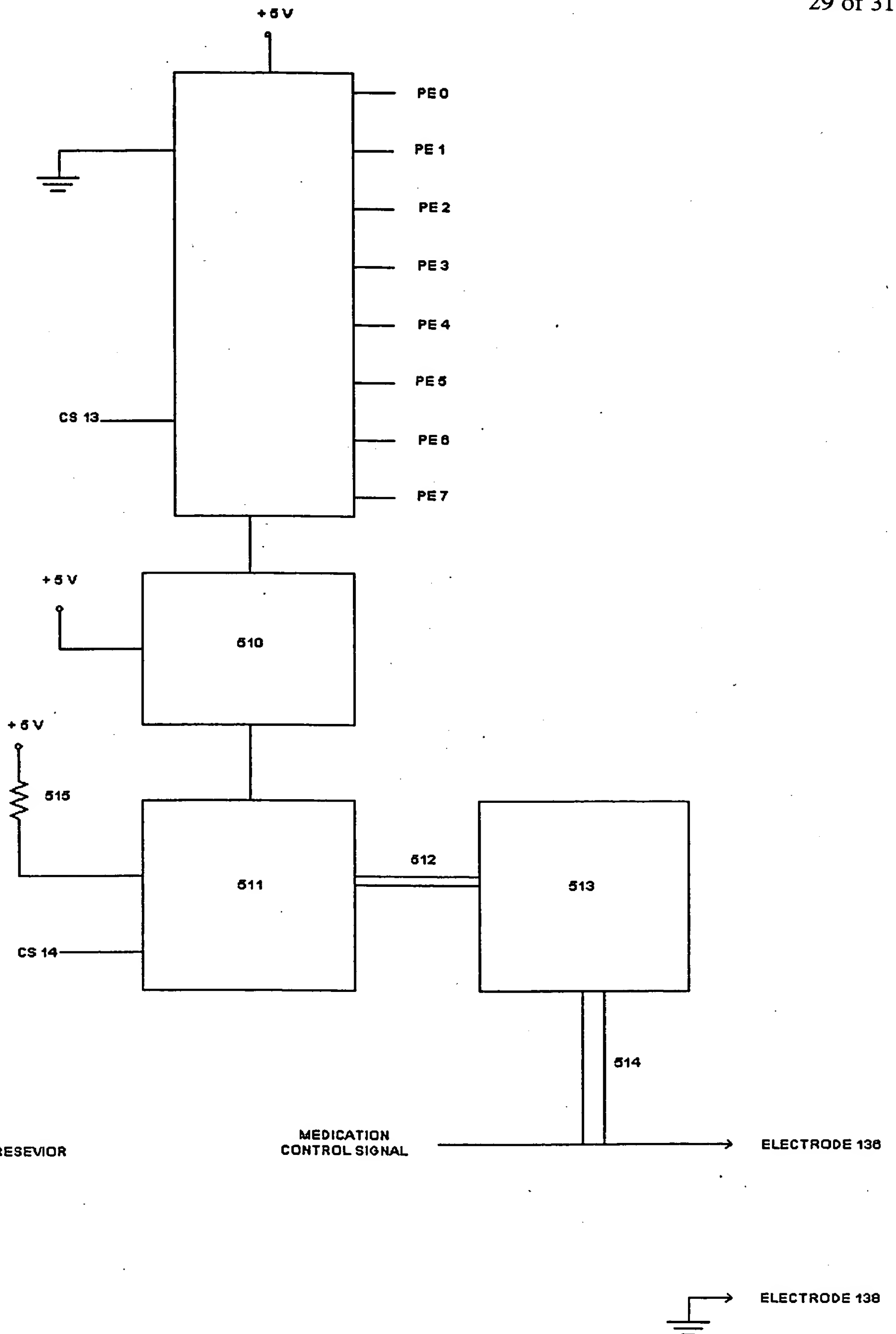


FIGURE 24



509 - 74HC185

510 - DS1803-100

511 - N830005043

512 - SHAFT

513 - MEDICATION RESEVIOR

514 - TUBING

515 - 300 K

MEDICATION  
CONTROL SIGNAL

ELECTRODE 138

FIGURE 25

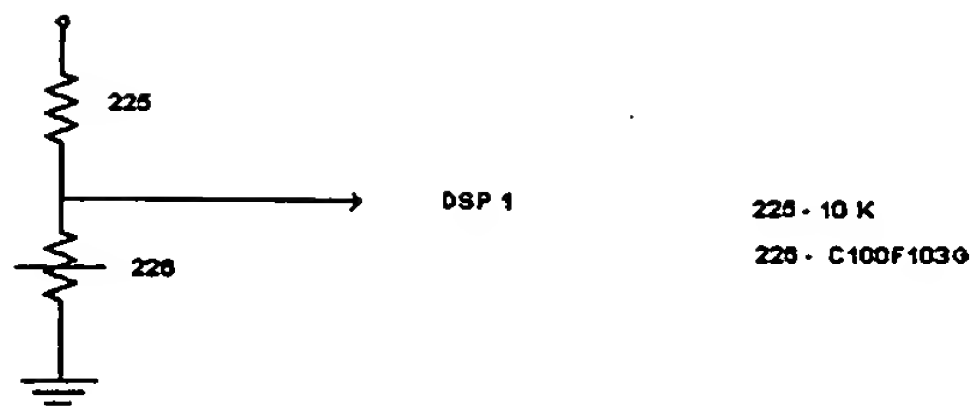


FIGURE 26 A

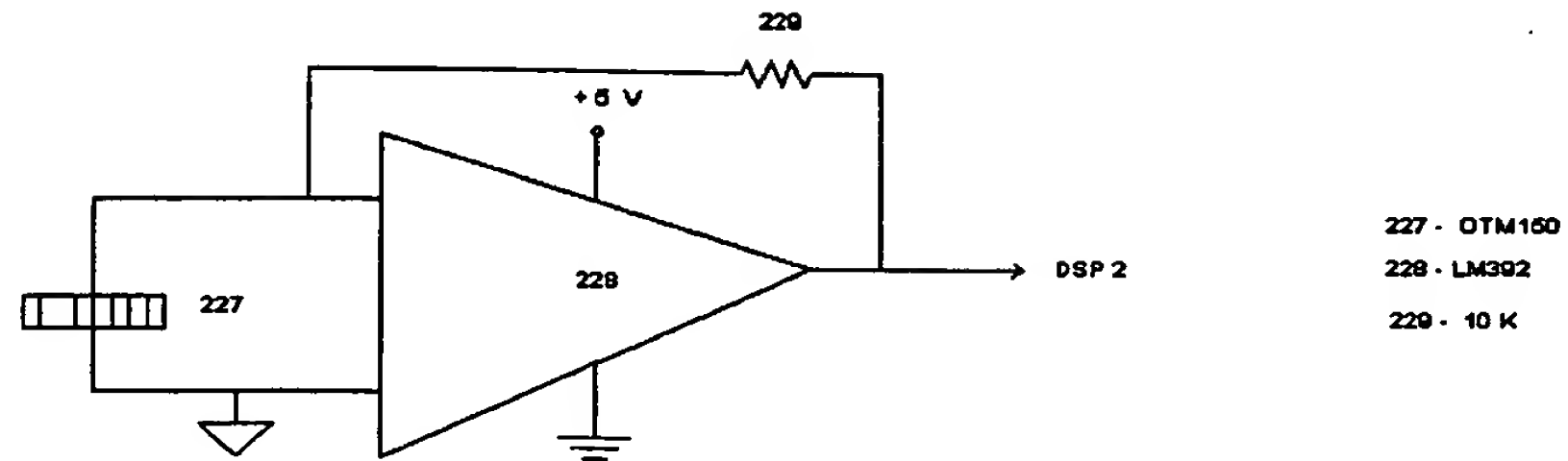


FIGURE 26 B

230 - OM4530  
231 - 2.2 K  
232 - 10uF  
233 - 10 k  
234 - LM387  
235 - 10 K  
236 - 10 K

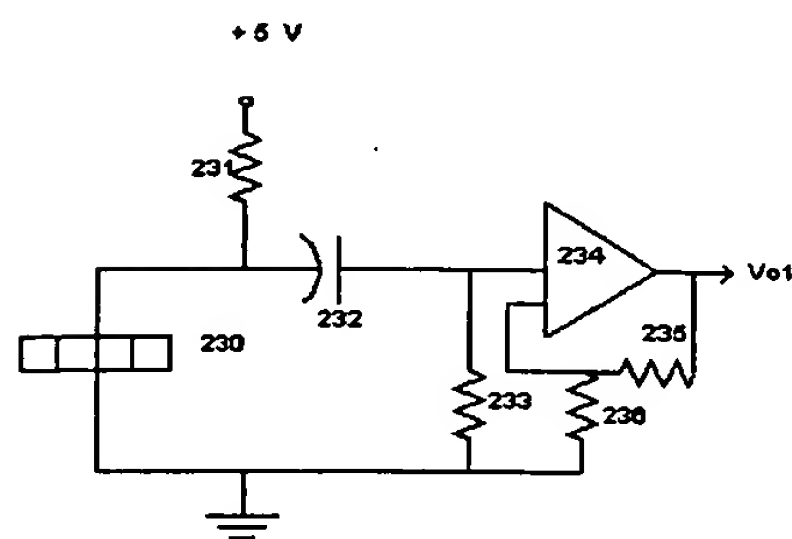


FIGURE 26 C

237 - 10 K  
238 - 100 K  
239 - 10 K  
240 - 100 K  
241 - LMF100

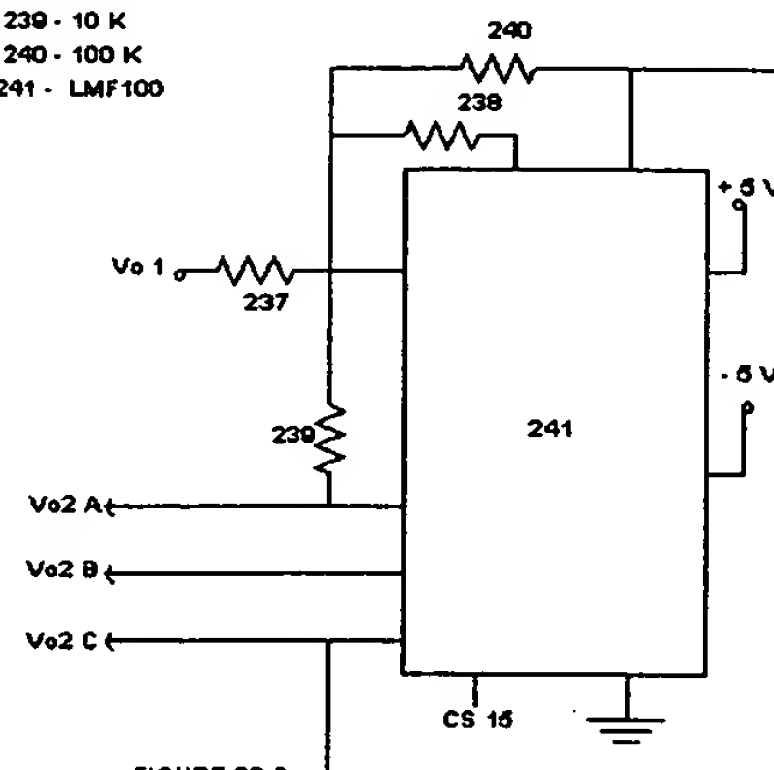


FIGURE 26 D

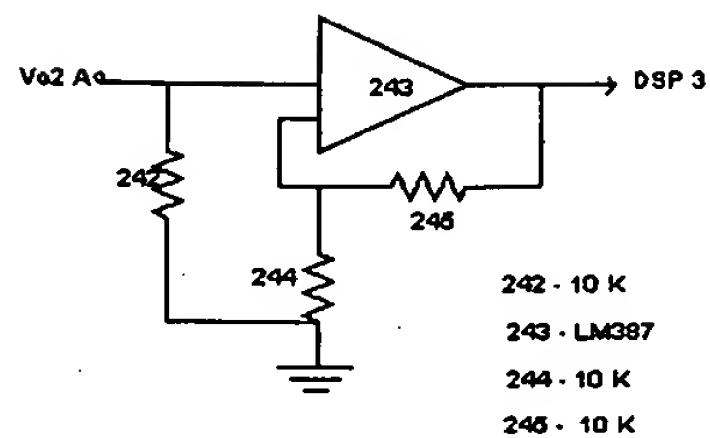


FIGURE 26 E

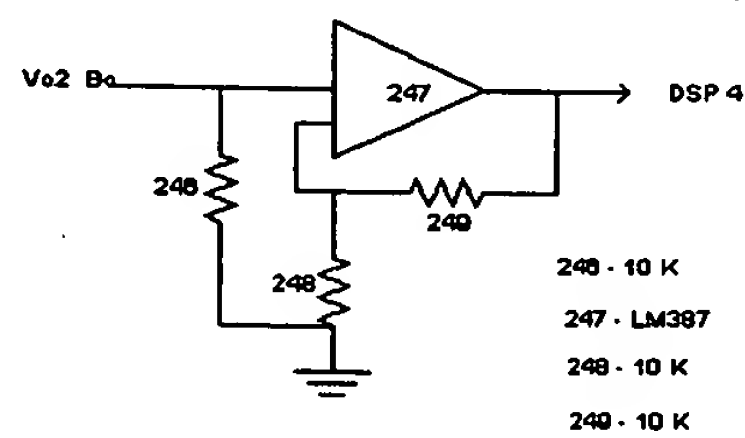


FIGURE 26 F

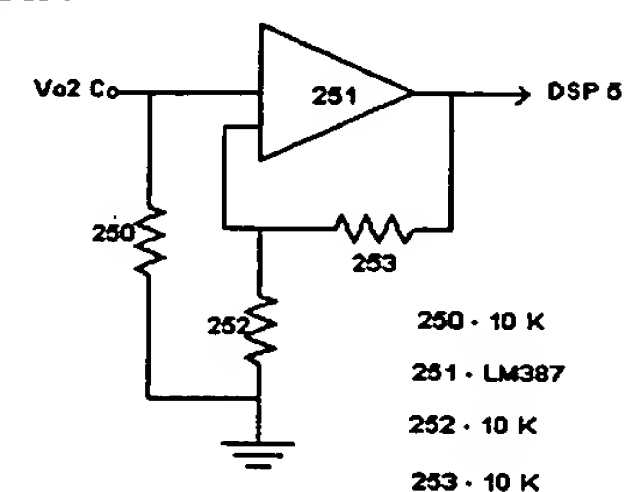


FIGURE 26 G

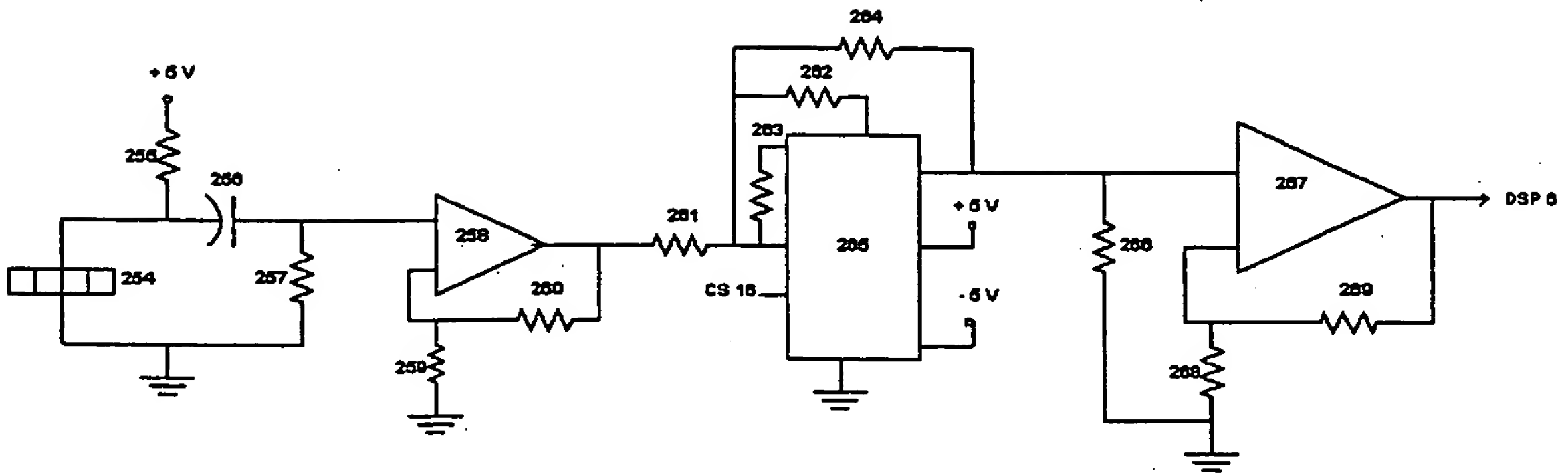


FIGURE 27 A

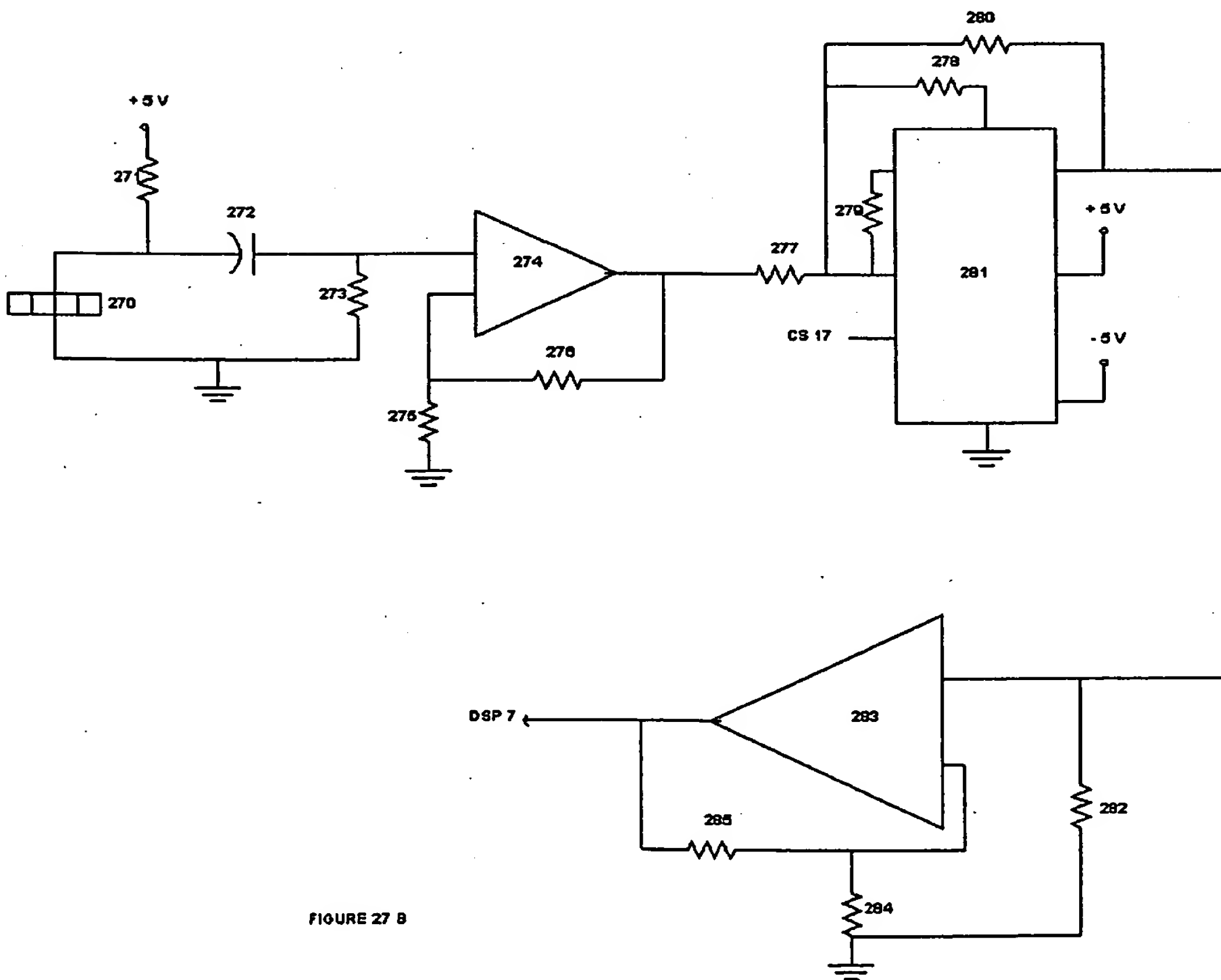


FIGURE 27 B